


CV Heinrich Göbl

Personal Details / Overview

Name:	Heinrich Göbl	
Address:	Rundsweg 1c Rosenheim, D 83026	
Telephone:	(please use mail)	
E-Mail:	sysprog@goebl.com	
Internet:	https://www.goebl.com/	
Date of birth:	1969	
Experience with IT since:	1993	
Qualifications:	1995: graduated in computer sciences 1998: Microsoft SQL Server Database Implementation 2000: Oracle Certified Professional (SQL, PL/SQL) 2001: Sun Certified Programmer for the JAVA 2 Platform 2002: Object-Oriented Analysis and Design with UML 2003: Enterprise Connectivity with J2EE V1.3 2004: Enterprise AppDev with WebSphere Studio, V5.0 2004: IBM Certified Enterprise Developer 2006: NLP-Practitioner, DVNLP	
Languages:	English, Spanish	
Key Skills:	Angular, TypeScript, JavaScript, ES6, HTML5, Node, Java, Android, SQL	
Area of work:	Architecture and project management, analysis and design, mentoring, programming, test, tuning, migration, code supervisor, DevOps	

Competencies

Platforms:	HTML5-Browser, Node.js, Java 9+, J2EE/JEE, Java EE 5, 6, 7, Android, Spring, Linux, Windows, MacOS, Docker
Programming Languages:	TypeScript, JavaScript, Java 9+, Kotlin, SQL, XML/XSLT, C/C++
Server Software:	Node.js/Express, Loopback, nginx, Micro-Services, Spring Boot, Quarkus, GlassFish, WebLogic, WebSphere, JBoss, Tomcat, Apache
Databases:	ORACLE, DB2, MySQL, MongoDB, PostgreSQL, DynamoDB, Cosmos DB, JPA 2, Hibernate, JDBC, MS SQL, SQLite, LDAP
Cloud:	Microsoft Azure, AWS (Amazon Web Services), Kubernetes, Cloud Foundry
Communication:	HTTP, AJAX, REST Services, JSON, WebSockets, SOAP Web Services, JMS
GUI:	Angular 15, Ionic 3, RxJS 6+, HTML5, CSS3, Material, Bootstrap, PrimeNG, Responsive, Android, BMW Density
Tools:	IntelliJ, XCode, git, Eclipse, vi, Maven, Jenkins, Sonar, GIMP, Inkscape
Testing:	Jasmine, Jest, Karma, JMeter, soapUI, JUnit, Mockito, Selenium, Wireshark
Security:	TLS/SSL, OpenId, OAuth2, passport.js, JWT, iptables Firewall, OWASP
Processes:	Scrum, DDD (Domain-Driven Design), LESS, TDD, UML

Work experience

01/2022 - 04/2023:	Automotive , Munich, freelance job Single-Page Web-Applications (SPA), Quarkus Micro-Services Responsive Design (desktop, tablet), fullstack-development (focused on frontend, UI/UX)
Roles:	Fullstack-Developer, Lead-Developer, UI/UX
Software:	Backend: Java 13, Quarkus, DynamoDB, PostgreSQL, REST/JSON, JAXB, Maven, JUnit, Mockito, swagger/OpenAPI, Jenkins, Docker, Kubernetes Frontend: Angular 13-15, TypeScript, D3.js, RxJS 6+, BMW Density Design System, HTML, CSS, SVG, Jasmine, Selenium, Cypress

11/2019 - 12/2021: **AGENDA Software**, Rosenheim, regular employment
 Single-Page Web-Applications (SPA) in the enterprise portal
 Responsive Design (desktop, tablet, smartphone), fullstack-development,
 DDD (Domain-Driven Design)

Roles: Coding Architect, Lead-Developer

Software: Backend: Java 11, JEE 8, GlassFish/Payara, MariaDB, JPA, REST/JSON, JAXB, Maven, JUnit, finAPI, swagger
 Frontend: Angular 8-12, TypeScript, RxJS 6+, NGXS 3.6 (~ngrx), immer.js, Bootstrap 4, HTML, CSS, Node.js

03/2019 - 10/2019: **Insurance Company**, Munich, freelance job
 Angular Single Page Application (Responsive Design) with REST/JSON backend.
 Extranet-application for underwriters: create requests to get answers for medical questions.
 Mobile internet-application for physicians and applicants for insurance: respond to medical questions.

Roles: UI-Development

Software: Angular 7, TypeScript 3.3, RxJS 6, Angular Material 7, Bootstrap 4, Jest, CSS3, SASS, HTML5, REST/JSON, Swagger, Git, IntelliJ, Microsoft Azure, Cosmos DB, Microsoft DevOps

10/2018 - 02/2019: **Insurance Company**, Munich, freelance job
 Intranet application for administration of risk model calculations. Angular Single Page Application (Responsive Design) with REST/JSON backend.

Roles: UX-Design, Development

Software: Angular 7, TypeScript 3, RxJS 6, NGXS, Kendo UI, Karma, Jasmine, CSS3, SASS, HTML5, REST/JSON, Git, IntelliJ, Microsoft Azure, Cosmos DB

07/2018 - 09/2018: **Internet**, Munich, freelance job
 SPA (Single-Page-App) Web-Application for managing online internet advertisement, frontend-programming ~75%, REST-API-server and batch-programming ~25%

Roles: UX-Design, Lead-Development, Coaching

Software: Frontend: Angular 6, TypeScript 2.5, RxJS 6, HTML5, Bootstrap 4 + coreui, CSS3, SASS, karma, Jasmine, ng2-bootstrap, RxJS
 Backend: Strongloop/IBM Loopback 3.0, REST/JSON, MongoDB/MySQL, TypeScript, JavaScript, ES6, Node.js 8, AWS (Amazon Web Services)
 Batch: Java 10, Spring, Spring Boot 1.5, JPA, Maven, Google-APIs
 Tools: angular-cli, webpack, Swagger, supertest, mocha, git, npm, IntelliJ

02/2018 - 06/2018: **Insurance Company**, Munich, freelance job
 Intranet application for research and administration of commission payments. Angular Single Page Application (Responsive Design) with REST / JSON backend.

Roles: UX-Design, Lead-Development, Coaching

Software: Angular 5, TypeScript 2.6, RxJS, Angular Material, CSS3, HTML5
 Spring 4.3, Spring Boot 1.5, Java 8, JPA 2, Oracle, REST/JSON Git, Jenkins, IntelliJ, Cloud Foundry, Maven

10/2017 - 01/2018: **Insurance Company**, Munich, freelance job
 Migration of 2 SPA (Single-Page-App) Web-Applications from JBoss (JEE, Hibernate) to Spring Boot (REST, JPA) in PCF Cloud Foundry, OAuth Authentication, JWT Validation, Cloudification, SSL with Client-Certificates, Hardening

Roles: Development, Coaching

Software: Spring 4.3, Spring Boot 1.5, Java 8, JPA 2, Oracle, DB2, AngularJS 1.6, JavaScript (ES5), HTML5, CSS3, Git, Jenkins, IntelliJ, REST/JSON, Cloud Foundry, Maven

11/2016 - 09/2017: **Internet**, Munich, freelance job
 SPA (Single-Page-App) Web-Application for managing online internet advertisement, frontend-programming ~75%, REST-API-server and batch-programming ~25%

Roles: UX-Design, Lead-Development, Coaching

Software: Frontend: Angular 4, TypeScript 2.5, HTML5, Bootstrap 4 + coreui, CSS3, SASS, karma, Jasmine, ng2-bootstrap, RxJS
 Backend: Strongloop/IBM Loopback 3.0, REST/JSON, MongoDB/MySQL, TypeScript, JavaScript, ES6, Node.js 6, AWS (Amazon Web Services)
 Batch: Java 8, Spring, Spring Boot 1.5, JPA, Maven, Google-APIs
 Tools: angular-cli, webpack, Swagger, supertest, mocha, git, npm, IntelliJ

10/2016: **myWorkouts**, Android/HTML5 Hybrid App
 App for synchronization of sports activities with sport-portals

Roles: All-In-One

Software: Angular 2, Ionic 2, TypeScript 2.0, RxJS, Android 4.1 - 7, Java, Cordova Plugin, HTML5, CSS3, SASS, Material Design, ReST/JSON
 Tools: IntelliJ, Android Studio, Gradle, Git, Linux/Mac, Ionic CLI

01/2016 - 09/2016: **Automotive**, Munich, freelance job
 Web Development "Offer+Contract" Single-Page-Web-Application,
 Integration of 5 backend-systems (vehicle configurator, pricing services,
 financing services, order/contract-services, stock-vehicles)

Roles: Development

Software: AngularJS 1.5, TypeScript 1.8, HTML5, CSS3, less, karma, Jasmine
 Swagger, ui-router, svn, IntelliJ, Gulp, Node.js, IE10/11, jQuery, Java

06/2015 - 03/2016: **Startup**, Munich, freelance job
 Hybrid-App "happitz.com" for iOS and Android, Single-Page Webapp
 (Admin-Frontend), RESTful API Server with Node.js

Roles: UX-Design, Development, UI

Software: App (iOS, Android): Ionic 1.1, AngularJS 1.4, JavaScript, Cordova 5,
 ngCordova, HTML5, CSS3, SASS, D3, ui-router, PhysicsJS, div. Cordova
 Plugins
 Admin-Webapp: AngularJS 1.4, jQuery, HTML5, CSS3, Bootstrap, less,
 schemaform.io, REST
 Server: Node.js, Express/restify, PostgreSQL 9, Sequelize, lodash, Push
 (GCM, APN), memcache, Jasmine, bash-Scripts, Digital Ocean Cloud
 Tools: git, IntelliJ, XCode, Grunt, Docker, nginx, Ubuntu Server, Jira, Scrum-
 but

10/2014 - 06/2015: **Automotive**, Munich, freelance job
 Develop Responsive Webdesign for a vehicle configurator (mobile-first;
 Phone, Tablet, Desktop; iOS, Android, Windows Phone); refactoring and
 optimize code and styles; automate tests

Roles: Development

Software: AngularJS, JavaScript, HTML5, CSS3, less, jQuery, karma, Jasmine
 ui-router, ng-animate, git, IntelliJ, Modernizr, Grunt, Node.js, weinre, IScroll,
 jshint

11/2014: **IT-Consulting**, Munich, freelance job
 1-Day-Workshop "Advanced AngularJS, Best Practices"

Roles: Speaker, Trainer

Software: AngularJS 1.3, JavaScript

08/2014 - 09/2014:	Finance Services , Munich, freelance job Preparation of a Push-Server delivering quotes for Web-clients (WebSockets, XHR), Programming Server and Client, Configuration, Optimization, Load-Testing, Going-Live
Roles:	Development, DevOps
Software:	Java 7, Diffusion 5.1 (Push Technology), Jolokia, JMX JavaScript, jQuery, HTML, Maven, Jenkins, bash, IntelliJ
05/2014 - 07/2014:	Finance Services , Munich, freelance job Construction Loan (for bank employee)
Roles:	Development
Software:	Java 6, WebSphere 8, WebSphere Portal 8, DB2, JPA 2, JSF PrimeFaces, Scrum, Maven, Mockito, JUnit, IntelliJ, JRebel
05/2013 - 02/2014:	AGENDA Software , Rosenheim, regular employment Single-Page Web-Application (SPA) for salaried employee (high-volume ~1 Mio. users) Responsive Design, special implementation for smartphone and tablet/desktop, while reusing most of the code for both versions (MVC-Pattern). Load-testing of REST interface.
Roles:	Coding Architect, Development
Software:	Server: Java 7, GlassFish, MySQL, JPA 2, REST, RSA-Verschlüsselung, Maven, JUnit, JMeter Desktop/Tablet: Bootstrap 3, jQuery, Backbone.js, Grunt, JSHint, less, CSS3, AngularJS Mobil: jQuery, jQuery Mobile 1.3, Backbone.js
05/2012 - 02/2014:	AGENDA Software , Rosenheim, regular employment Platform for Build, Continuous Integration, Code Quality, Unit- and Integration Testing, Continuous Delivery Extensions to an Eclipse RAP application for tax consultants
Roles:	Coding Architect, Development
Software:	Java 7, GlassFish 3, MySQL 5, JPA 2, REST (Jersey) Maven, Jenkins, Sonar, Mockito, JUnit 4, flyway, JRebel, FindBugs, PMD, Checkstyle, artifactory, Eclipse BIRT, IntelliJ

since 2013 (free time): **myWorkouts**, Android Fitness App <https://www.myworkouts.org/>
Native Android App for tracking sports activities. Uses sensors für heart rate, bike cadence, temperature, geo-location, pressure. Synchronization with own server. In Google Play and Amazon App-Store since end of 2016
Single-Page-Web application (SPA) with RESTful backend.

Roles: All-In-One

Software: App: Android 2.3 - 9, SQLite, ANT+, Java 6-8, Kotlin, Google-Play API, Mapsforge, ACRA
Server: Node.js, TypeScript, MongoDB, REST mit Express, JWT (JSON Web Token), OpenID, OAuth2, passport, nginx, monit/mp2, bunyan, SSL/letsencrypt, Redis
Web: Angular 7, AngularJS 1.5, TypeScript 3.x, D3.js v3 + v4, NVD3, Bootstrap 3, jQuery, Google Maps, Leaflet, OSM
Tools: IntelliJ, R, Android Studio, Grunt, webpack, Gradle, Git, Linux

since 08/2011 (free time): **Open Source Projects**, <https://github.com/hgoebl/>
Several tools and libraries for JavaScript and Java (see my public repositories)
Profile (aka. CV, Resume) generator for IT freelancers (multi-format, multi-language)
Presentation software with smartphone remote control
npm modules: doublemetaphone, entintar, mobile-detect, mobile-usage, mongodb-openvz-crashtest, nerdshow
maven.org: com.goebl:david-webb, com.goebl:simplify

Roles: All-In-One

Software: JavaScript, Node.js, MongoDB, Express, Socket.IO, JSON, REST
Java, XML, XLST, XLST-FO, Maven, JUnit, Mockito, Leaflet
jQuery, jQuery Mobile, HTML5, CSS3, Markdown
IntelliJ, Git, Github, Grunt, less, Linux

06/2012: **Java Usergroup Munich**, JavaScript, Node.js, MongoDB (Talk)
<https://github.com/hgoebl/my-slides/>

Roles: Speaker

Software: Node.js, JavaScript, Socket.io, jshint, MongoDB

02/2012 - 04/2012: **Automotive**, Munich, freelance job
 BMWi Icebreaker-Team (Co-Working)
 Basework for a Multi-Channel, Multi-Language, Multi-Tenant JEE Web/
 Mobile Application (Architecture, Build/CI, Testing, Documentation, SCRUM,
 Tools)

Roles: Coding Architect, Development

Software: GlassFish, ORACLE, JPA, JSF, REST
 Maven, Jenkins, Sonar, Mockito, JUnit, flyway, IntelliJ, JRebel

05/2011 - 12/2011: **Automotive**, Munich, freelance job
 Vehicle Configurator Web Application
 Further treatment, providing Registration process, Self-service for users,
 mail delivery, integration with SSO. Modularization of JavaScript, optimize
 performance, Selenium tests

Roles: Coding Architect, Web-Development, Nearshore Supervision

Software: Server: Java 6, Oracle 11g, GlassFish, EJB 3, JPA, JAX-RS, JAX-WS
 Client: JSF 2, AJAX, JavaScript, jQuery
 Tools: Selenium, Maven, Jenkins, IntelliJ, JUnit, Mockito

02/2011 - 05/2011: **Automotive**, Munich, freelance job
 Business Services with RESTful API and JavaScript API
 Performance Optimization Dealer-Locator, Extension of RESTful API and
 JavaScript API for Dealer-Locator and Park-Info, Extension of RESTful API
 for User Registration and -Management

Roles: Development, Performance Test and Optimization

Software: Server: Java 5, Oracle 11g, GlassFish, EJB 3, JPA, JAX-RS, JAXB
 Client: JavaScript, jQuery, Google Maps API, JSUnit
 Tools: soapUI, curl, FireBug, JSLint, yui-compress, Maven, Jenkins, JUnit,
 Mockito

02/2010 - 05/2011: **Automotive**, Munich, freelance job
 Teleservice Switchboard (Telediagnosis, Teleprogramming) Architecture, Design, Programming, Test, 3rd-Level-Support
 Migrating WebLogic 8 to 10, EJB 2.1 to 3.0, Latin1 to UTF-8, Migration Oracle 10 to 11 with charset ISO-8859-1 to UTF-8, Infrastructure for Loadtests (Simulation of Vehicle communication), Code- and Design Reviews and Coaching

Roles: Coding Architect, Development, Test

Software: Java 5, Oracle 11g, WebLogic 10g, WebSphere MQ, EJB 3, LDAP, JPA, JSF, MyFaces, ajax4jsf, jQuery, JAX-WS, JAXB, JMS, XSLT, ant, Mockito, PL/SQL, soapUI

since 2010 (free time): **Miscellaneous**, (for own usage and friends)
 Installation, configuration, maintenance of Linux root servers
 goebl.com, wellcrafted.de, goebl.biz, michaelfollner-consulting.de, garten-inspirationen.de, hibag.de

Roles: Development, Administration

Software: Debian GNU/Linux, Apache2, PHP, MySQL, iptables, AutoMySQLBackup, rsync, rsnapshot, VirtualBox, rkhunter, fail2ban, denyhosts, Postfix, SpamAssassin, Amavis, Roundcube, OpenSSL, DokuWiki, WordPress, Joomla!, Bootstrap 3, less, Grunt, assemble.io, metalsmith, Node.js, Handlebars, Git, IntelliJ, vi

11/2008 - 11/2009: **Telecommunication**, Munich, freelance job
 Webservice-Interface to German Telekom (BL-W v16.0 ADSA)
 Webservice-Interface to German Telekom (WITA 2.0)
 Administration frontend (Wicket Web-Application)

Roles: Coding Architect, Development, Test

Software: Java 5, Tomcat 5, Spring 2, Spring-WS, Hibernate, JAXB, JUnit, WS-Security, ant, XML/XSLT, DB2, RSA

11/2006 - 07/2008: **Finance Services**, Munich, freelance job
 Development of a Multi-Channel-Application (Swing, HTML, WebServices) for Credit Card Management.
 Connectivity to Legacy COBOL Application on IMS-DB; Migration to DB2 and Java. XML-Schema-Design.

Roles: Project Management, Development

Software: J2EE, Java, Apache Tomcat, Solaris, WebServices, Axis2
 DB2, JDBC, XML/XSLT, LDAP, Apache JMeter, Ant, cruisecontrol, WSDL, XSD, Rational Software Architect, Eclipse, CVS, SVN, findbugs

01/2005 - 11/2006:	Finance Services , Munich, freelance job Information Portal for >100.000 User (Cluster with 36 Instanzen) Embedding of Notes Databases, LDAP Integration, Portlet-Programming, Load- and Performancetests, Themes & Skins
Roles:	Architecture, Development, Project Management
Software:	J2EE, Java, WebSphere Portal 5, JSP, WebSphere 5, Solaris DB2, XML/ XSLT, JavaScript, AJAX, LDAP, Apache httpd, Security, SSO, Spring, Lotus Domino, XML Access, Hibernate, JMeter, Perl, IBM WSAD
10/2003 - 07/2004:	Finance Services , Munich, freelance job Web-enabling of a corebanking-system (MBS open) and integration of various back-end systems.
Roles:	Architecture, Framework Design, Implementation
Software:	J2EE, Java, EJB, JSP, HTML, CSS, Apache Struts, IBM WebSphere 5, Bea WebLogic, DB2, XML/XSLT, SCHUFA SCDI, ant, IBM WSAD, JBoss
07/2001 - 01/2003:	Insurance Company , Munich, freelance job Integration und optimization of a systems which provides config management, software packaging and distribution for 40.000 users
Roles:	Architecture, Project Management, Development, Test
Software:	Java, Oracle 8i, Swing, Apache Velocity, XML, JSP, EJB, WebSphere 4