

Marco Schaule

Full stack architect and developer • net-designer.net
marco.schaule@net-designer.net • +49 (0) 176 / 70 99 74 02

Skills and Experience

Work Experience

Occupations

- Fullstack architect:
AIG Europe S.A., ifap GmbH, OMP GmbH
- Front end developer / architect:
Konux GmbH
- Fullstack developer:
RTL Group, SAP S.E.,
HERE Deutschland GmbH (Nokia),
Yoummday GmbH
- Front end and back end PHP developer:
FBO GmbH in Saarbrücken

Industries

- Entertainment industry:
RTL Group
- Information industry:
SAP S.E.
- Insurance and finance industry:
AIG Europe S.A.
- Pharma and medical industry:
ifap GmbH (CompuGroup Medical S.E.)
- Software and online geodata services:
HERE Deutschland GmbH (Nokia)

Skills in Consulting and Training

Technical Consulting in

- Development of front end web applications
as single page application in Angular and React
- Development of JavaScript applications
using Node.js and Express in back end,
JavaScript and JS frameworks in front end
- Development of TypeScript Fullstack systems
in Angular and NestJS
- Development of mobile applications based on
web technologies
for mobile, browser and desktop

Conceptual Consulting in

- Development in agile project environments
in SAFe, Scrum or Kanban
- Design of small, monolithic up to large,
distributed systems
like scalable Micro Service Architecture using
Message Brokers and Streaming Pipelines etc.
- Requirement analysis and Prototyping
- On-the-job training of employees

Technical Skills (on a scale from 1 to 10)

Programming Languages

- JavaScript: 9
- TypeScript: 9

Other used languages: Go, Python, PHP, Java, C (currently not offered professionally)

Front end Technologies and Concepts

- HTML5, Jade/Pug: 9
- CSS3, Stylus, LESS, SASS: 8
- Angular: 9
- RxJS: 8
- ngrx, ngrx-data, Redux: 7
- Angular Material: 8
- Apollo, Apollo-Angular: 8
- React: 8
- React-Router: 7
- TanStack: 7
- TailwindCSS: 7
- SWR, ReactQuery: 6
- Zustand, Immer: 6
- Ant-Design, DaisyUI: 6
- D3, Highcharts: 5
- Next.js: 5
- Storybook: 8
- Twitter Bootstrap: 9
- Responsive-Design: 8
- Mobile First Design: 8
- Meteor: 6

Back end Technologies and Concepts

- Node.js, Express: 9
- NestJS: 7, Fastify: 6
- GraphQL: 8
- RESTful, RESOURCEful: 10
- Nx: 6
- WebSocket: 7
- Webpack, Vite: 7
- gRPC, ProtoBuffer: 7

Database Technologies

- MongoDB, NeDB, Mongoose: 8
- PostgreSQL: 8
- Redis: 6, SQLite: 8
- MySQL / Percona / MariaDB: 7

Testing

- Jest, Vitest: 8
- Playwright: 8
- Cypress: 7
- Jasmine, Karma: 8
- Mocha, Chai, ChaiHTTP: 8
- Sinon.JS, Istanbul: 7
- Protractor: 8
- Cucumber.js, WebdriverJS: 7

Project Management

- Git: 8
- GitLab, GitHub: 7
- JIRA, Redmine: 7
- Agile, Kanban, Scrum, SAFe: 7

Projects and Employments

Yoummday GmbH, Munich

since 08/2026

Common project data:

- Position: full stack developer
- Industry: Customer Experience Outsourcing
- Period: since 08/2026
- Place of work: remote
- Tasks: planning, development, testing

Used technologies:

- Languages: TypeScript, HTML, CSS
- Front end: React, TanStack, Tailwind
- Back end/Desktop: Node, Zod, Electron
- Testing/Remote Control: Vitest, Playwright
- Databases: SQLite

Langauge Trainer (personal project)

since 02/2025

Common project data:

- Position: full stack developer
- Industry: education
- Period: since 02/2025
- Place of work: remote
- Tasks: planning, development, testing

Used technologies:

- Languages: TypeScript, JavaScript, HTML5, CSS3
- Front end: Angular, Material
- Back end: Node, Express, Zod
- Databases: MongoDB, SQLite, PostgreSQL

Konux GmbH, Munich

08/2024 – 01/2025

Common project data:

- Position: front end developer
- Industry: railway industry
- Period: 08/2024 – 01/2025
- Project type: switches monitoring app
- Place of work: remote
- Tasks: planning, consulting, development, testing, and quality assurance

Used technologies:

- Languages: TypeScript, JavaScript, HTML, CSS
- Front end: React 18+, Redux, React-Router, SWR, Ant-Design, Highcharts, Nx, Rspack
- Testing: Jest, Cypress
- DevOps: Bitbucket
- PM: Jira, Confluence, Figma

Common project data:

- Position: full stack developer
- Industry: entertainment industry
- Period: 04/2021 – 12/2024
- Project type: entertainment portal
- Place of work: remote
- Tasks: planning, consulting, development, testing, and quality assurance

Used technologies:

- Languages: TypeScript, JavaScript, HTML, CSS
- Front end: Angular 16+, GraphQL, Apollo + Apollo-Angular, Storybook
- Back end: Node.js, Express, Fastify, Apollo Server, Apollo Federation
- Testing: Jest, Cypress
- DevOps: GitLab
- PM: Jira, Confluence, Miro, Figma

SAP S.E., Walldorf

02/2020 – 10/2020

Common project data:

- Position: full stack developer
- Industry: information technology
- Period: 02/2020 – 10/2020
- Project type: CI/CD platform
- Place of work: Walldorf, remote
- Tasks: consulting, development, testing

Used technologies:

- Languages: TypeScript, JavaScript, HTML, CSS
- Front end: Angular 8+, Angular Material, RxJS, ngRx, Sass
- Back end: Nest.js, TypeORM, PostgreSQL
- Testing: Jasmine, Jest, Protractor
- PM: ZenHub (GitHub Agile)

AIG Europe S.A., Heilbronn

06/2017 – 08/2019

Common project data:

- Position: full stack architect
- Industry: insurance industry
- Period: 06/2017 – 08/2019
- Project type: insurance information and administration platform
- Place of work: Heilbronn, remote
- Tasks: consulting, development, testing

Used technologies:

- Languages: TypeScript, JavaScript, HTML, CSS
- Front end: Bootstrap 4, Angular 7+, RxJS, ngRx, PUG, Sass, React, Next.js
- Back end: Node.js, Express, Webpack, MongoDB, gRPC with Protocol Buffers
- Testing: Jasmine, Mocha, Chai, Protractor
- PM: Scaled Agile Framework (SAFe), BiPRO (Institute for process optimization)

OMP GmbH, near Stuttgart

04/2017 – 07/2017

Common project data:

- Position: full stack architect
- Industry: supplier industry
- Period: 04/2017 – 07/2017
- Project type: internes Admin-Interface
- Place of work: Pforzheim and remote
- Tasks: planning, design, development

Used technologies:

- Languages: JavaScript, TypeScript, HTML, CSS
- Front end: Angular 4+, Bootstrap 3
- Back end: Node.js, Express, Webpack, NeDB
- Testing: Jasmine, Karma, Istanbul

CompuGroup Medical S.E., München

07/2016 – 04/2017

Common project data:

- Subsidiary: ifap GmbH
- Position: full stack architect
- Industry: pharma and health industry
- Period: 07/2016 – 04/2017
- Project type: medicine comparison platform
- Place of work: Munich
- Tasks: consulting, development, testing

Used technologies:

- Languages: TypeScript, JavaScript, HTML, CSS
- Front end: AngularJS, Angular 2+
- Back end: Node.js, Express, Webpack
- Testing: Jasmine, Mocha, Chai, Protractor
- Project management: Scrum, JIRA, Confluence

Nokia / HERE Deutschland GmbH, Berlin

05/2014 – 01/2015

Common project data:

- Position: full stack architect
- Industry: information technology
- Period: 05/2014 – 01/2015
- Project type: single-sign-on platform (SSO)
- Place of work: Berlin, Mitte
- Tasks: planning, development

Used technologies:

- Languages: JavaScript, HTML, CSS
- Server: Node.js, Express, Grunt, Jenkins
- Front end: AngularJS, AngularUI, Swig, SCSS
- Database: PostgreSQL, Memcached
- Testing: Jasmine, Karma, Istanbul, Selenium-Webdriver, Cucumber
- Project management: Scrum, JIRA, Confluence

Other Projects

02/2012 – 01/2016

Common project data:

- Position: full stack developer
- Industries: real estate, financial industry, advertisement

Used technologies:

- Languages: JavaScript, HTML, CSS, PHP
- Front end: AngularJS 1.3+, AngularUI, jQuery
- Back end: Node.js, Express, MongoDB
- Testing: Jasmine, Karma, Istanbul

Miscellaneous

Studies:

- 09/2003 – 04/2008: Computer Science and Mathematics, University of Saarland
- 04/2007 – 09/2012: Business Administration, University of Saarland

(Unfortunately, I had to cancel my studies due to personal reasons!)

Linguistic Proficiencies

- German (mother tongue)
- English (fluent)

Internet Contacts

- Web: <https://net-designer.net>
- GitHub: <https://github.com/marcoschaule>
- Xing: https://www.xing.com/profile/Marco_Schaule
- LinkedIn: <https://www.linkedin.com/in/marcoschaule>