

PERSONAL DETAILS

Name: Fabian Schmidt
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Date/Place of birth: 14.06.1996 in Saarlouis
Family status: Married, 1 child



WORK EXPERIENCE

- 08/2025 - 02/2026 **Software Developer**
Orgasoft Kommunal, Saarbrücken, Germany
- Application development in C++ with Qt6
 - Development of a gRPC server
 - Masterportal Add-on development in Vue.js 3 with Vuex 4
 - Work with MS SQL
- 06/2024 – 07/2025 **Software Developer**
SCS Consulting SA, Luxemburg
- Backend development in Java 17 to 21 with Spring Boot
 - Frontend development in Angular 19 with Tailwindcss and Bootstrap
 - Replacing Ruby on Rails applications
- 08/2019 – 05/2024 **Software Developer**
Deutsche Glasfaser GmbH, Saarlouis, Germany
- Backend development in PHP 5 to 7.2
 - Backend development in Java 8 to 17 with Spring Boot
 - Frontend development in Angular.js to Angular 12 with Fomantic ui
 - Workflow development and maintenance in Camunda

EDUCATION

- 09/2014 – 03/2019 **University Studies**
French-German University Institute for Technology and Business,
Metz (France) and Saarbrücken (Germany)
Degree: Bachelor of science
- 2011 – 2014 **School Education**
Lycée J.V. Poncelet, Saint Avold
Degree: French-German Baccalaureate (AbiBac)

SKILLS

IT:	Programming Languages:	HTML, CSS, JavaScript/Typescript, PHP, Java, C, C++, Rust, Go, SQL
	IDE :	Visual Studio, Visual Studio Code, QtCreator, JetBrains Suite, Neovim
	Frameworks:	Angular, jQuery, Vue.js, Spring Boot, Qt6
	Databases:	Oracle, MS SQL, MySQL, MariaDB, Postgresql
	Other:	SCRUM, Git, Docker, Linux

Languages:	German (Native)
	French (Native)
	English (Fluent)

Hobbies:	3D drucken
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PROJECT OVERVIEW

Replacement of the Geographic Information System

As part of a modernization effort, I worked on migrating MFC applications to Qt6. The pilot project involved replacing a geographic information system with the open-source Masterportal. To achieve this, I developed add-ons in Vue.js to integrate the Masterportal within a Qt application and control it analogously to the old GIS application.

Creation of a gRPC Server for Data Exchange between 32-Bit and 64-Bit Applications

To unite the old MFC and the new Qt environments and enable a smooth transition, gRPC was chosen as the interface. I worked on implementing the server in C++. Its task was not only to mediate requests between clients but also to start new processes to load or unload required DLLs.

Invoice Verification Tool in Nextcloud

In my current project, I am developing a tool for Nextcloud that enables people without access to native applications to verify and forward invoices. For this, I set up a development and production environment using Docker.

Ruby on Rails Migration to Spring Boot

I migrated projects originally developed in Ruby on Rails with the JRuby interpreter to Java with Spring Boot. The goal was to modernize the codebase, making it more powerful and less error-prone. The main project is an application for technician visit planning and consists of three components:

- an Android app for the technicians
- an API for communication between the app and the back office
- a back office for planning by managers.

The API and back office, originally written in Ruby, were migrated to Java and Angular.

Maintenance and Further Development of an ERP System

I was responsible for maintaining and implementing new features for an internal ERP system that manages customers, their hardware, and contracts. The application features a backend in PHP and a frontend in Angular. Modeled business processes are also started and controlled via this interface; I contributed to their development and maintenance in Camunda.

Migration from Angular.js to Angular 2+

The frontend of the aforementioned ERP application was originally developed in Angular.js. I migrated it to Angular 6, the version current at the project's start, and subsequently kept the application up-to-date through regular updates.