

Vishnu Rajeev

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SUMMARY

Backend-focused software engineer with 4+ years across enterprise software, system integrations, and full-stack web development — now specializing in Java and Spring Boot. Professional experience in Germany at Scheer IMC, PixelFree Studio, and Fraunhofer EMI, building REST APIs, customer-specific features, and the relational-database work behind them. Seeking backend engineering roles where I can build and own real systems.

EDUCATION

Berlin School of Business and Innovation

M.Sc. in Information Technology Management, Grade: 1.8

Berlin, Germany

Mar. 2023 – Aug. 2024

BNM Institute of Technology

B.E. in Computer Science & Engineering

Bangalore, India

Aug. 2013 – Jun. 2018

EXPERIENCE

Junior Software Developer Customer Solutions

Scheer IMC AG

Apr. 2026 – Present

Saarbrücken, Germany

- Develop and maintain backend functionality for enterprise learning management solutions in Java with SQL, delivering client-specific customizations for global organizations across the consumer-electronics, banking, retail, and travel sectors
- Design and implement REST APIs and integrate new functionality into existing enterprise applications
- Work with relational databases including PostgreSQL and SQL Server, writing and modifying SQL queries, database scripts, and data-access logic
- Implement customer-specific requirements, troubleshoot defects, and maintain existing functionality in a large, established codebase

Software Developer

PixelFree Studio UG

Mar. 2025 – Jan. 2026

Saarbrücken, Germany

- Built and shipped client-facing React websites end-to-end and integrated with GraphQL APIs for dynamic content
- Developed a configurable accessibility widget in HTML, CSS, and JavaScript, deployed across 10+ client sites, and automated generation of branded client builds to cut setup time from hours to seconds
- Implemented backend features in Python and Flask
- Collaborated with stakeholders to deliver production features, improve reliability, and support releases

Fraunhofer EMI

Efringen-Kirchen, Germany

Oct. 2023 – Nov. 2024

Graduate Research Assistant

Jul. 2024 – Nov. 2024

- Developed frontend features using Vue.js, Three.js, and TypeScript
- Implemented user-oriented software modules contributing to applications spanning desktop, server-based, and web systems

Master Thesis Student

Apr. 2024 – Jun. 2024

- Developed an authentication library in ASP.NET Core
- Worked on token-based authentication, SignalR integration, and document-based user data storage

Student Research Assistant

Oct. 2023 – Mar. 2024

- Developed the LSQRA (Laser Safety Quantitative Risk Analysis) tool using C++
- Built the tool for a major defense-sector client for the quantitative risk analysis of high-power laser applications
- Designed desktop UI components with WinForms and implemented 3D visualizations using OpenSceneGraph

Cognitive Implementation Engineer

Amelia AI

Dec. 2020 – Feb. 2023

Bangalore, India

- Successfully implemented AI-powered solutions using the Amelia platform for multiple diverse clients like JPMorgan Chase & Co, Visionworks, and Resorts World

- Configured the platform for client needs, including conversation flow creation, external system integration, and NLU model training
- Implemented backend logic and API-based integrations connecting the platform with external enterprise systems

Software Engineer Trainee

Jul. 2020 – Sep. 2020

MountBlue Technologies

Bangalore, India

- Developed Java web applications using Spring MVC, Spring Boot, Spring Data JPA, PostgreSQL, Thymeleaf, HTML, and CSS

TECHNICAL SKILLS

Languages: Java, C, C++, C#, Groovy, Python, JavaScript, TypeScript, SQL

Frontend: React, Vue.js, HTML, CSS, Tailwind CSS, Three.js

Backend: Spring Boot, Flask, ASP.NET Core, REST APIs, GraphQL, JPA/Hibernate, Entity Framework Core

Databases: PostgreSQL, SQL Server

Tools & Platforms: Git, Postman, Docker, Maven, Jira, Confluence, Bitbucket, Linux, IntelliJ IDEA, Visual Studio

Testing: Selenium, Cypress, API Testing

Other: BPMN, Apache Camel, Conversational AI, NLP

PROJECTS

LiftTrack | *Java, Spring Boot, Spring Data JPA, Hibernate, PostgreSQL, REST APIs*

- Built a multi-user workout tracking application with Java and Spring Boot, supporting exercise management, workout sessions, set tracking, and progress statistics through REST APIs
- Implemented validation, transactional service logic, centralized error handling, and persistence with JPA/Hibernate and PostgreSQL

Accessibility Widget | *HTML, CSS, JavaScript*

- Built a drop-in web accessibility widget from scratch in vanilla JavaScript, HTML, and CSS, delivering a working first version in 2 weeks and deploying it across 10+ client websites
- Implemented 15+ accessibility features, including contrast and saturation controls, text scaling and spacing, dyslexia-friendly mode, screen-reader support, selectable user profiles, and a multi-language UI
- Persisted user settings across the site via localStorage and used Shadow DOM isolation so host-site styling couldn't break the widget
- Designed a template-and-config system that generated fully branded client widgets (custom color scheme and logo) in seconds instead of hours, turning per-client setup from manual work into a near-instant process

CERTIFICATIONS

HackerRank

Java (Basic) Skills Certification

freeCodeCamp

Foundational C# with Microsoft Certification

LANGUAGES

English: Fluent (C1)

German: Beginner (A1)

HOBBIES

Music, Fitness