Rutvik Kalathiya Software Developer

■ rutvikkalathiya7@gmail.com • Chemnitz, Germany

rutvikkalathiya.com github.com/rutvik-kalathiya

in linkedin.com/in/rutvik-kalathiya



№ Professional Summary

Software Engineer with 3+ years of experience in building scalable, user-centric web applications with strong front-end and back-end expertise. Skilled in collaborating across teams to deliver highquality, maintainable solutions within the deadlines. Expertise in multiple phases of software development lifecycle, from requirement gathering to development, testing and deployment.

Skills

Frontend: React.js, Next.js, TypeScript, JavaScript, Redux, Tailwind CSS, Storybook, jQuery

Backend: Node.js, Express.js, MongoDB, SQL, Mongoose, Redis, Python, TensorFlow, REST API

DevOps & Tools: Heroku, AWS, Docker, CI/CD, Playwright, Keycloak, Postman, Stripe, Git, Jira



PurpleLeafStrategy GmbH ∅

Full Stack Developer

Feb 2024 – Present | Wolfsburg

- Leading feature development and technical enhancements across 5+ cloud-based products focused on pharmaceutical brand planning and regulatory workflows.
- Integrated Keycloak with NextAuth.js for secure and scalable authentication, enhancing user management and access control.
- Developed a custom timeline component inspired by Smartsheet, enabling advanced timeline visualization and interactive data handling tailored to client needs.
- Effectively managed a cross-functional project and team with appropriate task delegation, code reviews and managing releases.

Full Stack Developer, Working Student

Feb 2023 – Jan 2024 | Wolfsburg

- Redesigned the existing BrandPlanning tools and implemented a new solution using Next.js, significantly enhancing performance, scalability, and user experience.
- Implemented end-to-end testing with Playwright across multiple products, enhancing test coverage and minimizing defects in production.

Software Developer, Intern

Sep 2022 – Feb 2023 | Wolfsburg

- Designed and implemented a real-time presentation system that dynamically updates based on user-generated data, providing an automated and adaptive presentation experience.
- Customised theming and branding for multiple clients, using modular front-end components.

Education

M.Sc. in Automotive Software Engineering

Technical University of Chemnitz ⋄

• Grade: 2.7

Apr 2021 - Dec 2024 Chemnitz, Germany

B.Tech in Computer Engineering

Gujarat Technological University ≥

• Grade: 1.7

Aug 2016 - Aug 2020 Ahmedabad, India

Air Quality Predictor

Jul 2024 – Dec 2024

Master's Thesis: AI Dataset Predictive Analytics and Optimization

- Built a cloud-based AI system using **Python**, **FastAPI**, and **TensorFlow** to analyze and forecast air quality trends from real-world environmental datasets.
- Developed a responsive dashboard in React for real-time AQI visualization and deployed the solution using Docker for scalability and reproducibility.
- Applied multiple machine learning models to optimize air quality predictions and generate actionable insights for environmental improvement.

Visaman Sales ∂

Jul 2019 – Dec 2019

Bachelor's Project

- Rebuilt and modernized the company website for Visaman Sales, an international import-export business, enhancing user experience and branding consistency across platforms.
- Integrated an admin panel with dynamic content management and analytics support, enabling real-time updates, operational control, and better business decision-making.

Awards

Smart India Hackathon 2020 ∅

Feb 2020

MentorBridge

• Designed and developed a web-based student mentoring system for BrainyBeam Technologies Pvt. Ltd. streamlining and optimizing institutional mentoring programs.

Smart India Hackathon 2019 ∂

Feb 2019

Ceramica

• Created a custom e-commerce solution tailored for the ceramic industry, transforming manual B2B processes during a national-level hackathon, securing 2nd place.

Advance Java ∂

Dec 2017

WayToWeb Pvt. Ltd.

• Completed a one-week intensive training program in Advanced Java, gaining hands-on experience with backend logic, JDBC integration, and servlet-based web applications.

Languages

English − Fluent (C1) | **German** − Basic Proficiency (A2)

♦‡ Interests

Problem Solving | Reading | Typing | Drawing & Painting