# Rutvik Kalathiya Full Stack Developer

rutvikkalathiya.com github.com/rutvik-kalathiya

in linkedin.com/in/rutvik-kalathiya



## Professional Summary

Full Stack Developer with 3+ years of experience in building scalable and user-centric web applications. Proficient in React, Node.js, and MongoDB, with hands-on experience in designing modular backend services, optimizing frontend performance, and implementing secure authentication and CI/CD workflows.



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

Backend: Node.js, Express.js, MongoDB, Mongoose, SQL,

Tools: Git, Jira, DevOps, Docker, AWS, Playwright, Keycloak



#### PurpleLeafStrategy GmbH ⊘

Full Stack Developer

Feb 2024 – present Wolfsburg, Germany

- Leading feature development and technical enhancements for Enavia, a B2B Cloud-based SaaS product focused on pharmaceutical brand planning and regulatory workflows.
- Designed scalable backend services using **Node.js**, **Express**, and **MongoDB**, improving performance and modularity.
- Collaborated cross-functionally with **product**, **design**, and **QA** teams to deliver user-friendly features aligned with product guidelines.
- Implemented secure authentication with **Keycloak** and contributed to **CI/CD pipelines** using **GitHub Actions**, improving access control, compliance, and deployment efficiency.
- Refactored critical parts of the legacy codebase to improve maintainability and enable faster onboarding of new developers.
- Integrated third-party **APIs** for data visualisation and regulatory updates, improving customer insights and product value.

Full Stack Developer, Working Student

Feb 2023 - Jan 2024 Wolfsburg, Germany

- Migrated the legacy frontend to **Next.js**, enabling **server-side rendering** and significantly improving performance, SEO, user experience, and long-term maintainability.
- Built a custom UI component library to ensure consistent design, streamline development, and accelerate feature delivery across multiple projects and teams.
- Developed comprehensive end-to-end tests using Playwright for two major products, enhancing QA coverage and reducing bugs in production.

Intern

Sep 2022 – Feb 2023

Wolfsburg, Germany

- Designed and implemented a real-time presentation system that dynamically updates based on user-generated data, providing an automated and adaptive presentation experience.
- Customised product theming and branding for multiple clients, delivering tailored front-end interfaces with modular styling 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: 1.3

Aug 2016 – Aug 2020 Ahmedabad, India

# Projects

**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 **machine learning models** to optimize air quality predictions and generate actionable insights for environmental improvement.

MentorBridge Feb 2020

Smart India Hackathon 2020

- Designed and implemented a student mentoring system for BrainyBeam Technologies Pvt. Ltd. under the SSIP program at Atmiya University.
- Developed **role-based dashboards** and **communication tools** to enhance institutional mentoring efficiency in higher education.

Visaman Sales ∂ Jul 2019 – Dec 2019

Bachelor's Proiect

- Rebuilt and modernized the company website for Visaman Sales, an international import-export business.
- Integrated an **admin panel** with **dynamic content management**, enabling real-time business updates and operational control.

Kalamanjari *⊘* May 2019

University Project

- Built a responsive event management website for a cultural festival, enabling program registration, participant tracking, and real-time schedule updates.
- Developed using HTML, CSS, JavaScript, and PHP to ensure interactive and dynamic front-end functionality.

Ceramica Feb 2019

Smart India Hackathon 2019

- Designed an **e-commerce platform** for the **ceramic industry** during the national hackathon at Marwadi University.
- Digitized traditional **B2B workflows**, focusing on streamlining **orders**, **inventory tracking**, and **client communication**.

# **S** Languages

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

## **♦‡** Interests