

Rutvik Kalathiya *Full Stack Developer*

✉ rutvikkalathiya7@gmail.com

📍 Chemnitz, Germany

🌐 [linkedin.com/in/rutvik-kalathiya](https://www.linkedin.com/in/rutvik-kalathiya)

☎ +49 1627442566

🌐 rutvikkalathiya.com

🐙 github.com/rutvik-kalathiya



PROFESSIONAL EXPERIENCE

PurpleLeafStrategy GmbH

Full Stack Developer

Feb 2024 – Jun 2025 | Wolfsburg

- Led feature development and technical enhancements across 5+ cloud-based products focused on pharmaceutical brand planning and regulatory workflows.
- Enhanced user access control across platforms by integrating Keycloak with NextAuth.js for secure and scalable authentication, enabling single sign-on (SSO) and support for multiple authentication providers.
- Developed a fully customized timeline module inspired by Smartsheet, enabling advanced timeline visualization and interactive data workflows tailored to client needs.
- Effectively managed a cross-functional project and team with appropriate task delegation, code reviews and managed releases.

Full Stack Developer, Working Student

Feb 2023 – Jan 2024 | Wolfsburg

- Transformed the existing BrandPlanning tools using Next.js, resulting in a 45% improvement in performance, 30% faster load times, and improved scalability for 3+ enterprise products.
- Implemented end-to-end testing with Playwright across 5+ products, increasing test coverage by 60% and reducing production defects by 40%.

Software Developer, Intern

Sep 2022 – Feb 2023 | Wolfsburg

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

SKILLS

Frontend: HTML, CSS, JavaScript, TypeScript, React.js, Next.js, Redux, Tailwind CSS, SCSS, Material UI, Storybook

Backend: Node.js, Express.js, MongoDB, MySQL, Mongoose, Redis, NPM, Python, TensorFlow, FastAPI, REST APIs

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

EDUCATION

M.Sc. in Automotive Software Engineering

Apr 2021 – Dec 2024

Technical University of Chemnitz

B.Tech in Computer Engineering

Aug 2016 – Aug 2020

Gujarat Technological University

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 ML models to optimize air quality predictions and generate insights for environmental improvement.

Visaman Sales

Jul 2019 – Dec 2019

Bachelor's Project

- Modernized Visaman Sales' website using PHP and jQuery, improving UX and brand 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 & ACHIEVEMENTS

Gold Medal — University Topper in Bachelor of Computer Engineering

Smart India Hackathon — Runner-up in a National-Level Hackathon

Advanced Java — Intensive one-week training in Advanced Java at WayToWeb Pvt. Ltd.

LANGUAGES

English — Fluent (C1) • **German** — Working proficiency (B1) • **Gujarati** — Native • **Hindi** — Professional