

Akash Shinde

Full Stack Developer

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SUMMARY

Problem solver with 3+ years of experience building scalable systems and enhancing user experiences. Skilled in software architecture (SOLID), test-driven development, database optimization, and containerization. Passionate about writing clean, maintainable code and collaborating effectively across cross-functional teams.

WORK EXPERIENCE

Full Stack Developer Intern *Allianz Global Investors*

June 2023 – Present
Frankfurt am Main, Germany

- Developed **interactive dashboards and charts** with dynamic filters and custom visualizations for real-time data management.
- Refactored** frontend UI/UX with improved project structure, state management, and responsiveness. Created reusable components for faster feature development.
- Implemented Flask-based REST APIs to serve chart data and encapsulate business logic while writing **15+ unit tests**.
- Introduced Git **pre-commit hook** to ensure standard code formatting before committing which saved unnecessary pipeline failures.
- Developed a **scheduled reporting** feature using cron jobs with dynamic inputs, which significantly reduced the reporting time by 2-3 hours.
- Collaborated with a colleague to implement **schema validation** using Pydantic for robust request/response validation and serialization.
- Actively participated in **bi-weekly sprints** and managed user stories, estimated tasks, and showcased new features to cross-functional teams.

Junior Backend Developer *Coradius Technologies Private Limited*

March 2021 – Sept 2022
Mumbai, India

- Developed **microservice-based APIs** for insurers' product requirements while integrating with MySQL and MongoDB databases.
- Efficiently communicated** with the frontend and QA teams to add new features and resolved **15+ bugs**.
- Led** a team of four to onboard a new insurance product while completing the project in just **1 month**.

- Managed DEV and INT container-based microservice **deployments** and automated workflows with bash scripts which resulted in a 20% reduction in deployment time.

EDUCATION

Frankfurt University of Applied Sciences
Master of Science, High Integrity Systems

Frankfurt am Main, Germany
Oct 2022 - Sep 2025

- **Coursework:** Pattern-Oriented Software Architecture (Java), Advanced IT Security, Introductory Data Analysis (R), Cloud Computing (Azure), Mathematics.

University of Mumbai, INDIA
Bachelor of Science, Information Technology

Mumbai, India
July 2018 - Apr 2021

- **GPA:** 8.9 / 10

TECHNICAL SKILLS

- **Programming Languages:** Java, Javascript, Typescript, Python, SQL, HTML, CSS.
- **Frameworks:** React, Vue.js, Node.js, Express.js, Flask, Pytest.
- **Libraries:** Jest, Pydantic, Vuex, Redux.
- **Databases:** SQL Server, MySQL, MongoDB.
- **Tools:** Git, Github Actions, Jira, Docker, Linux, Figma, Power BI.

PROJECTS

OpenRefine - Open source tool for working with messy data.

[Source Code](#)

- Replaced Cypress wait test with custom logic. Implemented a prefetch mechanism for the reconciliation service call. Updated documentation.

CloneVercel - Vercel-like hosting application

[Source Code](#)

- Developed a repository hosting app using Node.js, Redis, React and AWS S3 for storage.

BlogWave - Cloud computing

[Source Code](#)

- Collaborated to build a real-time blogging app in Spring boot, Vue.js and deployed it on Azure cloud using containerization.

CERTIFICATIONS

- DevOps Foundations, What is Generative AI, Learning TypeScript, Git Workflows, Docker for Developers, React SPAs, React Essentials, JavaScript Essentials [LinkedIn](#)
- Introduction to Blockchain Technologies [Coursera](#)

LANGUAGES

- German (Beginner)
- English (Professional)