

# Akash Shinde

Frankfurt, DE | [shinde10akash@outlook.com](mailto:shinde10akash@outlook.com) | [linkedin.com/in/akashinde](https://www.linkedin.com/in/akashinde) | [akashinde.github.io/portfolio](https://akashinde.github.io/portfolio)

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Full-Stack Engineer with **3+ years** of expertise improving user experiences and building **safe, scalable** backend systems. Designed **robust systems** and followed **SOLID** principles to achieve effective insurance and financial solutions. **TDD-savvy** and passionate about **automating** manual tasks. Enjoy **learning** new technologies, developing new **projects**, and contributing to **open-source** communities to share knowledge.

## SKILLS

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- Programming Languages - Typescript, Javascript, Python, Java, SQL.
- Frameworks - Vue.js, React.js, Flask, Node.js, Express.js, Pydantic, Pytest, Jest, Mocha-Chai.
- Collaboration Tools - Git, Jira, Figma.
- Other tools - Azure Apps, Github Actions, SQL Server Management, MySQL, MongoDB.

## EDUCATION

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**Master of Science** | High Integrity Systems 2025

Frankfurt University of Applied Sciences, GERMANY

- Mastering Pattern Oriented Software Architecture, Safety Critical Systems and Real Time Systems.

**Bachelor of Science** | Information Technology 2021

University of Mumbai, INDIA

- Grade: 1.7 GPA

## EXPERIENCE

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**Full Stack Engineer** 06/2023 - Present

Allianz Global Investors, GERMANY

- Revamped frontend codebase, improving project structure, state management, and responsiveness, boosting user engagement by **20%**.
- Set up **linting**, reformatted the codebase, and created a **Git hook** to enforce lint checks before deployment, improving deployment efficiency and code quality.
- Collaborated with colleagues to implement **schema validation** using Pydantic, reducing debugging time by **20%** and enhancing data integrity.
- Onboarded a new derivative instrument (FXF), contributing to successful **bi-weekly sprint** deliveries.
- Introduced **test-driven** development, creating **10+ tests** for APIs and improving system reliability.
- **Automated** test plan creation, reducing manual work and accelerating the deployment process.

**Frontend Developer** 07/2022 - 08/2022

Koderbox Technology, INDIA

- Delivered a native translator web application that improved localization accuracy, expanding accessibility to multilingual users.
- Successfully identified and resolved functional bugs in the react codebase by writing **10+ tests** using Jest, resulting in early bug resolutions, leading to a **10% decrease** in reported bugs.

**Backend Engineer** 03/2021 - 06/2022

Coradius Technologies Private Limited, INDIA.

- **Efficiently communicated** with the frontend and quality assurance team to add new features and resolved 15+ bugs.
- Introduced unit testing using mocha-chai, writing more than **20 tests** for APIs and functionalities.
- Got an opportunity to **lead a team of four** to onboard a new insurance product, showcasing management skills by completing the project in just 4 weeks.
- As a part of the infra team, **automated** DEV and INT deployments by writing bash scripts, improving manual processes.

## PROJECTS

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- **Track The Bug** (React, Node.js, MongoDB): Implemented interface to streamline the process of bug creation, updating, and tracking (<https://github.com/akashinde/track-the-bug>).
- **ManageID** (React, Solidity, Ethereum): Built a blockchain application for verification and authentication of user identities (<https://github.com/akashinde/ManageID>).
- **Blockchain in Node.js** (Node.js): Demonstration of blockchain working using NodeCLI app (<https://github.com/akashinde/blockchain-in-nodejs>)