

VISHAK AMIN

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SUMMARY

Senior Software Engineer with 5 years of experience. Led frontend architecture for Rivian's supply chain dashboard (**70% faster delivery**) and integrated critical FinTech modules for HDFC Bank (**10M+ users**). Skilled in building scalable cross-platform applications, modern frontend systems, and cross-functional team collaboration in Agile environments.

EXPERIENCE

GEEKYANTS PVT LTD

Senior Software Engineer I

Bangalore, India

(Aug 2021 – Present)

FinTech / Mobile Engineering (HDFC Bank)

- Built key modules for the HDFC Mobile Banking App (UPI, Loans, Cards), collaborating across teams to ensure stable and scalable iOS/Android releases.
- Coordinated with the **NPCI team** to bridge technical gaps, performing POCs based on documentation for successful **Bio Auth** production releases.
- Integrated **UPI NPCI SDK** across Android (Java) and iOS (Swift) using Android Studio and Xcode, managing end-to-end payment flows and **IPO mandate** integrations.
- Handled critical sanity testing and build generation; integrated **DevRev** for streamlined product bug tracking and resolution.
- **Technologies:** React Native, Redux, Android Studio, Postman, Firebase, Xcode, Appium, Jest, React Testing Library, Java, Swift, Git

Supply Chain & Core Architecture (Rivian)

- Created a **reusable component library** using TypeScript and Vanilla Extract CSS, migrated legacy systems to a modular **Micro Frontend architecture**.
- Architected visibility platform providing real-time insights into inventory, helping reduce vehicle delivery delays from 6 months to 1-2 months (**70% improvement**).
- Led frontend delivery of Rivian's supply chain dashboard, managing sprints, performance optimization, and production deployment in a cross-functional **Agile setup**
- Optimized data-heavy interfaces rendering **10,000+ records** with real-time filtering, significantly improving dashboard responsiveness.
- Improved test reliability using **React Testing Library and Playwright**; managed **AWS services** (S3, AppSync, Amplify) for scalable infrastructure and deployment.
- **Technologies:** React, TypeScript, CSS, AWS (S3, AppSync, Amplify), MongoDB, Playwright, GraphQL, Micro Frontend

CISCO SYSTEMS INC

Software Engineering Intern

Mumbai, India

(Jan 2020 – Mar 2020)

- Developed **Python APIs** for the Cisco Network Automation Tool, streamlining the process of migrating client devices (modems, routers, switches) to newer infrastructure.
- Created device-specific scripts for multiple Cisco OS variants (e.g., IOS, IOS-XE) and automated **API testing pipelines** to improve reliability and development speed.
- **Technologies:** Python, Cisco OS, API Testing, Automation

PROJECTS

PLACEMENT ERP

- Built a full-stack dashboard platform with user roles for **students, faculty, and placement officers** using MERN stack and JWT authentication.
- Streamlined placement data access and reporting across departments, significantly improving operational efficiency.
- **Technologies:** React.js, Node.js, Express, SQL, JWT

INTERACTIVE RESUME CHATBOT

- Developed an **AI-powered resume chatbot** using Python, OpenAI API, and Gradio that enables interactive conversations about professional experience.
- **Technologies:** Python, OpenAI (GPT-4o), Gradio, Hugging face

EDUCATION

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Bachelor of Engineering, Information Science

Mangalore, India

(Aug 2017 – Aug 2021)

CGPA: 8.5 / 10.0