

Vishal Rana

Senior Software Engineer | Ex - American Express | National Institute of Technology, Rourkela

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Summary

Dedicated Software Engineer with around 3 years of experience in full-stack development. Focused on tackling complex engineering problems and building reliable, high-performance systems.

Work Experience

Finemake Senior Software Engineer

JUNE 2024 - PRESENT

- Developed comprehensive full-stack solutions across multiple projects, including a robust inventory system with an admin dashboard, a specialized sales application with analytics, a custom ticketing system, and a unified internal portal.
- Engineered scalable backend systems using AWS, NestJS, Prisma ORM, and NextJS to ensure efficient API performance and seamless integrations.
- Applied strong problem-solving skills to troubleshoot critical issues and optimize system performance.
- Led cross-functional teams with Agile methodologies, mentoring team members and driving process improvements across all projects.

Technologies Used: Next.js, React.js, Nest.js, PostgreSQL, AWS, Typescript

American Express Software Engineer

AUG 2022 - MAY 2024

Significantly contributed to both frontend development and team efficiency by enhancing user interfaces, integrating key operational features, and delivering high-quality solutions.

- Developed customizable dashboards with React.js and Spring Boot to improve data accessibility and user interaction..
- Developed an app to track observability and health status of internal apps, and for managing team members' time and efficient leave tracking.
- Actively contributed to UI/UX design for several features.
- Frequently conducted tutorials and knowledge-sharing sessions.

Technologies Used: Java, Spring Boot, Azure SQL, React.js, Jenkins, Typescript

Education

National Institute of Technology, Rourkela

Bachelor of Technology

JULY 2018- MAY 2022

CGPA : 8.66/10

Skills

PROGRAMMING/ SCRIPTING

Javascript, Typescript, C++, Python, PHP, Java

FRAMEWORK / LIBRARY

React.js, Next.js, Express.js, Three.js, Codelgniter, JQuery

DATABASES

MySQL, MongoDB

CLOUD SERVICES / TOOLS

AWS, Firebase, Netlify, Git, Docker, Figma, Adobe XD, Sketch,

Projects

Video Conferencing App

Developed a fully functional meeting platform in one day using WebRTC.

GateTrack

Developed a program using TensorFlow for facial recognition to identify employees, manage attendance, and automate payroll and leave tracking.