



VISHAL KUMAR

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Experience

Software Engineer | *Atlan*

Nov 2024 – Present

Bengaluru, Karnataka, India — Platform Services Team

- Building high-impact, scalable backend systems in a data-intensive environment, working across teams to deliver reliable and performant features.
- Contributing to architectural decisions, infrastructure reliability, and initiatives that improve developer experience and system observability.
- Designed and implemented internal developer tooling that reduced CI/CD pipeline times by **35%**, improving deployment velocity.
- Led a cross-functional effort to standardize service observability using **OpenTelemetry**, improving incident response time by **40%**.

Software Engineer | *OpeninApp — Listed Inc*

Feb 2024 – Nov 2024

Bengaluru, Karnataka, India

- Leading the development of complex features in a high-performance environment, utilizing **Express, MySQL, Sequelize ORM, RabbitMQ, and Redis**, contributing to backend solutions that support over **500,000 active users**.
- Conducting extensive research into database optimization strategies, employing technologies like **Kafka, Trino, MinIO, and Hive**, which have enhanced system efficiency by **30%**.

Software Development Engineer — Intern | *Relecture*

Apr 2021 – Apr 2023

- Led the end-to-end software development life-cycle for a complex **MERN Stack application**, successfully deploying the product which facilitated collaboration.
- Managed the architecture and infrastructure for the entire tech department, resulting in a reduction of monthly tech infrastructure costs by an impressive **80%**, saving the company over 50,000 monthly.

Education

NSHM Knowledge Campus Durgapur

2020 - 2024

Bachelor of Technology in Computer Science Engineering

GPA: 8.9/10.0

Projects

Itelcotech | [Website](#) | *Freelance Project*

July 2023 – Dec 2023

Developed a High-Impact Learning Management System for Telecom Technology Education

- Integrated **Sanity CMS** with **Next.js 13** and **React 18** for dynamic and scalable content management.
- Boosted SEO and site efficiency by **optimizing performance metrics**, resulting in enhanced user engagement.
- Leveraged **advanced analytics** for actionable insights into user behavior and platform performance.
- Improved checkout experience with a streamlined **Stripe payment gateway**, ensuring seamless transactions.

Taskflow | [Live Demo](#) | [Source Code](#)

Jan 2023 – May 2023

Built a Task Management Web Application Featuring a Kanban Board for Efficient Workflow Management

- Implemented with the **T3 tech stack** (Next.js, tRPC, Prisma, Tailwind CSS, NextAuth), offering robust and scalable features.
- Enabled **real-time collaboration** using Pusher, ensuring seamless task synchronization across multiple users.
- Enhanced security with **WebAuthn Passkey Authentication**, supporting **Security Keys** and **YubiKey** for secure access.

Technical Skills

Programming Languages: Golang, TypeScript/JavaScript, C/C++, Python, Dart

Development Tools: Git/GitHub, Unix Shell, VS Code, IntelliJ IDEA, Figma, AWS

Frameworks and Libraries: Express, Fastify, tRPC, React, Next.js, Jest, React Testing Library

Achievements

First Place - Best Use of Google Cloud Platform: Atlassian hack@home Hackathon

Sep 2020

Top 15 Teams Globally: HackRPI Hackathon - Best Browser Extension category

Nov 2020

Hacking is Art Prize Winner: MLH Hacks and Crafts Hackathon

Nov 2020

Best Browser Extension category Winner: RALLYtoUS Hackathon

Nov 2020

Global Finalist: GHH Hackathon for COVID-19 fund

Oct 2020