✉ naveenmv7@gmail.com
☎ +91 9946981983

Naveen M V

in LinkedIn://naveen-mv
⭘ Github://naviji

Job Experience

Sr. Software Engineer   **Freecharge Payment Technologies Pvt. Ltd.**   **April 2023 - Present**

- Developed and maintained high-load backend microservices, processing over a million daily requests with minimal downtime.
- Reduced database query execution time by about 30% through targeted query optimization and indexing.
- Improved test coverage by implementing detailed unit and integration tests, resulting in early detection and resolution of critical issues.
- Streamlined development processes with design pattern-driven refactoring (Factory, Strategy, Dependency Injection), leading to more modular and maintainable code.
- Awarded the "Freecharge Warrior" award for outstanding performance and ownership.

Software Engineer   **Freecharge Payment Technologies Pvt. Ltd.**   **August 2021 - April 2023**

- Developed a user statistics dashboard, leading to a 50% reduction in support queries and significantly enhancing business insights and decision-making capabilities.
- Integrated multiple payment gateways, such as Razorpay and Juspay, optimizing the payment process for a seamless payment experience.
- Launched India's first fully digital journey for sole proprietorship current accounts, boosting sales and revenue.

Student Intern (GSoC)   **Joplin (Open Source)**   **June 2020 - August 2020**

- Developed fifteen advanced search filters, significantly enhancing search precision.
- Practiced Test-Driven Development (TDD) for comprehensive test coverage and high quality code.

Teaching Assistant   **Indian Institute of Technology, Kanpur**   **Jan. 2020 - April 2020**

- Automated plagiarism checks, reducing manual effort by 80%.
- Facilitated weekly lab sessions, assisting students with assignments.

Education

Kanpur, India   **Indian Institute of Technology, Kanpur**   **July 2019 - June 2022**

- M.Tech in Computer Science. GPA: 8.57
- Modified a UNIX-style operating system to preserve processes across reboots using Non-Volatile Memory.
- Implemented intelligent process management and recovery algorithms to handle various failure scenarios.
- Graduate Coursework: Advanced Computer Architecture, Computer Systems Security, Parallel Computing

Kerala, India   **APJ Abdul Kalam Technological University**   **June 2016 - May 2019**

- B.Tech in Computer Science. GPA: 8.12
- NSS volunteer, participated in team development and social work.
- Undergraduate Coursework: Operating Systems, Computer Networking, Databases, Machine Learning.

Technical Experience

Projects

- **Chat Room Application**: Developed a React-Typescript frontend and Go backend with RESTful API and WebSockets. Features include user sign-up, real-time messaging, and upvoting. Deployed using MySQL and Minikube.

Skills

- **Proficient in**: Python, JavaScript/TypeScript, Golang, Node.js, Express.js, React.js, Django, Flask, Gin, gRPC, Docker, Kubernetes, Jenkins, PostgreSQL, MongoDB, Redis, Kafka, AWS