

# Manish Kumar

System Engineer

📍 Bangalore | 📞 +91-8637056324 | [🌐 LinkedIn](#) | [📁 My Portfolio](#) | ✉ k.manu00005@gmail.com

## SKILLS

- **Programming Languages** : Java, JavaScript, C++, Go, Python
- **Libraries and Frameworks** : NodeJS, React, Spring Boot, Apache Kafka, Redis
- **Tools** : Git, MySQL, Maven, Docker, Grafana
- **Other Skills** : Data Structure & Algorithms, Microservices, RestFul APIs, System Design

## EXPERIENCE

### Software Development Engineer (Full Stack)

Jul 2021 - Present

#### Samsung Electronics

Bengaluru, Karnataka

- Developed in-house analysis tools, reducing external dependency and achieving annual cost savings of approximately \$70,000.
- Collaborated with cross-functional teams to gather requirements, define project scopes, and align with product objectives, increasing project efficiency and team alignment.
- Led the setup of streamlined installers using Inno Setup, improving tool distribution and security, which boosted cross-team collaboration by 20%.
- Implemented front-end features using React.js and backend features using Java, delivering a seamless, user-friendly interface that enhanced overall system performance.
- Built a secure authentication service for dashboard access using Spring Boot microservices, ensuring robust and efficient user management.
- Containerized UI and API servers with Docker and docker-compose, enabling seamless CI/CD processes and cutting deployment time by 50%.
- Enhanced tool functionality by adding 8 new features, including tracking maximum function execution time, increasing usability by 20%.
- Optimized performance, boosting sequential read/write speeds by 8% and random read/write speeds by 5%.
- Increased unit test coverage from 36% to 60%, significantly improving code quality and reducing bugs.
- Mentored over 5 Junior developers and participated in code reviews, adhering to Agile Methodologies.
- **Key Technologies:** Java, Spring Boot, Microservices, Javascript, React, Grafana, Kafka, Docker

## PROJECTS

### IMDB Clone with React | TMDB API

🔗 <https://imdb-clone-manu005.netlify.app/>

- Displays trending, top-rated, and upcoming movies, with watchlist functionality using TMDb API.
- Built with React, utilizing hooks like useState and useEffect for state management and side effects.
- Implements seamless navigation between pages (e.g., Trending, Watchlist) using React Router.
- Leveraged Vite as a build tool, achieving a 30% reduction in development time through faster server starts and optimized production builds.

### E-Commerce Platform | Java, Spring Boot, MySQL, Redis, Kafka, Microservices

🔗 <https://github.com/manu05X/Product-Spring-MVC>

- Architected multiple microservices to streamline user management, product cataloging and payment processing.
- Implemented RazorPay payment gateway integration and OAuth 2.0 authentication for secure transactions.
- Integrated Redis caching to optimize performance, improving response times from 500ms to 50ms
- Engineered an event-driven email service using Kafka and deployed application in AWS EBS

## EDUCATION

### Jadavpur University

2021

Bachelor Of Engineering in Information Technology | 8 CGPA

**Coursework:** Data Structure and Algorithm, Object Oriented Programming (OOPs), Databases and SQL , Operating System, Network System, Web Development, Distributed Systems