MRUDULA GHANEKAR

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SUMMARY

Software Engineer experienced in designing and developing scalable, high-performance applications in JavaScript, React, Java, and .NET. Strong background in system design, application architecture, and Al-powered solutions. Currently pursuing M.Tech in Software Systems at BITS Pilani with a focus on distributed systems and backend engineering.

EDUCATION

M.Tech — Software Systems | BITS Pilani

 Focus on distributed systems, advanced software architecture, and scalability engineering.

EXPERIENCE

Software Engineer — *Wipro* | 2021–Present

- Designed and implemented microservices-based solutions for enterprise applications (Spring Boot, .NET, REST APIs).
- Developed responsive front-end interfaces and integrated APIs (React, JavaScript, MongoDB).
- Collaborated with cross-functional teams to deliver full-stack applications from concept to deployment.
- Conducted code reviews and mentored junior developers to improve coding practices.

 Automated workflows and enhanced deployment processes using Git, Docker, and CI/CD pipelines.

PROJECTS

Al-powered Influencer Management System — <u>Live Demo</u>

- Responsive AI platform for influencer tracking and analytics (React, Node.js, MongoDB, OpenAI API).
- Automated data processing and campaign management workflows.

Al-powered Digital Marketing Agency —<u>Live Demo</u>

- Al-driven platform for automating marketing campaign creation and management (React, Flask, Al/ML APIs).
- Built to streamline digital marketing operations and optimize resource use.

Resume Analyzer — <u>Live Demo</u>

- Al tool that analyzes resumes and provides real-time improvement suggestions (React, Python, OpenAl API).
- Designed for responsiveness and a user-friendly experience.

Mobile Phone E-commerce Clone-Live Demo

- Fully functional e-commerce platform with real-world shopping features (**React**, **Redux**).
- Includes product search, cart, and checkout flows.

Chess Application -Live Demo

 Web-based chess game with live move validation and interactive gameplay (React, WebSockets).

TECHNICAL SKILLS

• Languages: JavaScript, Java, Python

• Frameworks: React, Spring Boot, Flask

• Databases: MongoDB, Firebase

• Cloud & DevOps: Docker, Kubernetes, CI/CD, Git

• Other: REST APIs, OOP, DSA, AI/ML Integrations