

ROSHAN GOWDA RM

Full-Stack Developer — AI/ML Enthusiast

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Summary

Engineering student with hands-on experience in full-stack development and AI/ML. Proficient in building applications and deploying machine learning models, with a strong interest in contributing to dynamic teams and gaining practical industry experience.

Skills

Programming: Java, MERN

DevOps & Tools: AWS, Azure, Jenkins, GitHub, Docker

AI/ML & Tools: OpenCV, MediaPipe, PyTorch

ML Tools: N8N, AI-Agents

Experience

DevOps Intern

Jan 2024 – April 2024

DevOps Intern (Offline)

Tools Used: Git/GitHub, Jenkins, Docker, JfrogArtifactory, SDLC, ServiceNow

- **Month 1 – Onboarded to DevOps environment**, learned fundamentals of **Docker** and **Kubernetes**, and set up local containerized environments for application testing.
- **Month 2 – Built and configured CI/CD pipelines** using **Jenkins**, integrated with GitHub repositories to automate build and deployment processes.
- **Month 3 – Implemented artifact management** using **JFrog Artifactory**, ensuring efficient storage, versioning, and retrieval of build artifacts.
- **Month 4 – Worked with ServiceNow** to manage real-time ITSM workflows, including incident and change management, and collaborated with the team to streamline deployment processes.

Projects

WorkMithra – Platform for Non-Tech Workforce | TypeScript, React, Tailwind CSS

April 2025 – May 2025

- **Designed and developed a dual-role platform** enabling workers and users to connect for job opportunities with smooth role-switch functionality in a single application. Built **separate login flows** for job seekers & requesters, allowing role switching without multiple accounts. Implemented a **job search & request system** where users request services & workers accept & proceed with jobs. Empowered non-technical individuals to **showcase skills** and gain recognition, boosting employment opportunities.

Ophelia AI | MERN Stack, AI Integration

- Developed a dedicated platform for local artisans to publish and showcase their art to a wider audience. Implemented a comprehensive dashboard for artisans to manage listings and a marketplace for users to purchase art directly. Integrated advanced accessibility features including Text-to-Speech and Speech to Text functionalities. Developed an AI-powered Chatbot to assist users and artisans with navigation and inquiries.

Other Projects: Explore World, CricketStats, Standard E-mail Generator

Certifications

- DevOps Internship (4 months, Hands-on Experience)

Education

MALNAD COLLEGE OF ENGINEERING

B.E. in Computer Science and Engineering

2023 – 2027

Hassan, Karnataka