

Roshal Dsouza

✉ roshalds789@gmail.com

Electronic City, Bengaluru

+91 - 9606210598

 [GitHub Profile](#)

 [LinkedIn Profile](#)

 [Leetcode Profile](#)

EDUCATION

Bachelor of Engineering in Computer Science and Engineering

Acs College Of Engineering, Mysore Road Bangalore-560074

2021-25

CGPA: 9

PROJECTS

MindCare

A comprehensive mental health and well-being application providing tools and resources to manage stress, anxiety, and overall mental health.

- Features include mood tracking, guided meditations, journaling, professional support, educational resources, and reminders.
- Technology Used: React.js, Node.js, MongoDB, Tailwind CSS, OpenAI API

CodeFlow

A cutting-edge project designed to provide efficient solutions using modern development practices and tools.

- Dockerized for easy deployment and scalability, with automated CI/CD using GitLab.
- Technology Used: Docker, GitLab, Kubernetes, Python, Flask.

PantryPal

Next.js-based app that helps users efficiently track and manage their pantry inventory in real-time.

- Implemented a user-friendly interface with dynamic updates.
- Technology Used: Next.js, Node.js, MongoDB

EXPERIENCE

· Headstarter AI SWE Fellow

July - Oct 2024

Remote ([Headstarter](#), New York, United States)

- Chosen from a competitive pool of applicants to participate in an intensive AI fellowship focused on cutting-edge technologies and real-world applications.
- Developed and deployed AI models, working closely with industry mentors on projects that solve practical problems.
- Worked with large datasets to improve model accuracy and efficiency.
- Learned best practices in AI model training, fine-tuning, and performance evaluation.

· Software development Internship

Nov 2023 - Dec 2023

Virtual ([Ricecity](#), Bangalore)

- Developed a responsive clothing website using React.js, ensuring seamless user experience across devices.
- Added dynamic product listing and filtering for better navigation.

TECHNICAL SKILLS And INTERESTS

Languages: Python, Java, JavaScript, Reactjs, Nextjs, Nodejs, Flask, Electronjs

Cloud/Databases: MongoDB, Firebase, Relational Database (MySQL), NoSQL

Devops: Kubernetes, CI/CD, Docker, Jenkins

Areas of Interest: Web Design and Development, Devops.

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability, Leadership

CERTIFICATIONS And ACHIEVEMENTS

- **Selected among all teams and awarded funding from the Karnataka State Council for Science and Technology for the IoT-based Baby Monitoring System SMART CRADLE Project.** [Link](#)
- Prompt Engineering Bootcamp from Lets Upgrade [Link](#)
- Postman API Fundamentals Student Expert [Link](#)
- SAWIT . AI Learnathon (NASSCOM, AICTE)
- CSR training ,Capgemini (ICT Academy)
- **Hackathons:** TJHACKIT -2024 (AI Virtual Assistant) , CYBER CRAFT National Hackathon (MindCare)