Roshal Dsouza

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Electronic City, Bengaluru

View my portfolio
- GitHub Profile

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LinkedIn Profile
Leetcode Profile

EDUCATION

Bachelor of Engineering in Computer Science and Engineering   *2021-25*
Acs College Of Engineering, Mysore Road Bangalore-560074   CGPA: 9

PROJECTS

PDF Collaboration System **Link**

A full-stack web application built to enable seamless PDF sharing ,commenting, and collaboration among users.

- Built a secure PDF collaboration platform with role-based sharing and real-time comment threads.
- Technology Used: Next.js , Node.js ,Express , TypeScript ,MongoDB ,Tailwind CSS

Job Application Tracker **Link**

A React-based dashboard that allows users to efficiently track job applications and statuses in real-time.

- Designed and implemented a clean, responsive interface using Material UI and Vite.
- Technology Used: React.js, Node.js, MongoDB ,Material UI

EXPERIENCE

Software developer Internship   *Mar – May 2025*
TOYOTA KIRLOSKAR MOTOR PVT LTD.

Interned at **Toyota Kirloskar Motor** under the **IT Division**, working on internal web solutions using the **MEAN (MongoDB, Express.js, Angular, Node.js) stack**.
Involved in developing scalable modules for real-time data management and automating internal business processes

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.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, Java, JavaScript, Reactjs, Nextjs, Nodejs, Django, Electronjs, Typescript,Angular js,Express
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

CERTFICATIONS 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)