

Sandarsh J N

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Banglore , Karnataka , India

Profile Summary

MCA student with strong skills in Java, Node.js, React, SQL, MongoDB, Docker, and cloud fundamentals. Experienced in building full-stack and cloud-native applications, with good communication, responsibility, leadership, and teamwork skills. Flexible to learn new technologies and adapt to development, testing, or support roles at Mphasis.

Education

R V College of Engineering Bangalore

Masters of Computer Applications - : CGPA : 8.24

2024–Present

Bengaluru, Karnataka

D.V.S COLLEGE OF ARTS AND SCIENCE SHIMOGA

BSc-Bachelor of Science- CGPA: 8.49

2021– 2024

Shimoga, Karnataka

SAI PU College of SHIMOGA

12th-computer Science - : 88.67

2019-2021

Shimoga, Karnataka

Skills

Programming & Fundamentals : Java , Dart, SQL, AWS , OOP, OS, Networks , HTML , JS , CSS

Technologies/Frameworks : Docker,Git, GitHub, Linux , Cloud Fundamentals,Agile Software Development (Scrum)

Soft Skills : Problem Solving, Team Collaboration, Adaptability, Quick Learning.

Internship Experience

IBM SkillsBuild – AI & Cloud Internship (AICTE & Edunet Foundation) | [Link](#)

Sept 2025 – Oct 2025

- Completed a 4 week industry-recognised internship focused on Artificial Intelligence and Cloud Computing
- Gained practical experience in AI-driven application development, cloud integration, and data-driven decision systems.
- Developed the project “Empathy Engine – AI Mental Health Companion”, an AI-based solution for emotion detection and empathetic response generation
- Applied machine learning, cloud deployment, and containerization concepts to design scalable and reliable systems

Projects

KubePulse – Cloud-Native Monitoring Platform| Kubernetes, Node.js, Express, React, MongoDB, Redis, Docker, Kind | [GitHub](#)

- Built a real-time Kubernetes monitoring platform with live metrics, logs, pod insights, and cluster analytics using Node.js (Express) and React
- Implemented WebSocket (Socket.IO) based streaming for instant CPU, memory, and pod event updates
- Designed a scalable backend with MongoDB (Mongoose) and Redis caching for high-speed data retrieval and optimized query performance
- Containerized all services with Docker and deployed on Kubernetes (Kind) using Deployments, Services, Ingress, and RBAC
- Developed an interactive analytics dashboard with charts, resource graphs, and pod status visualization for comprehensive cluster monitoring

Cloud-Based Notes Sharing Platform | AWS EC2, S3, RDS, CloudFront, IAM, FastAPI | [GitHub](#)

- Designed and deployed a secure, cloud-native platform for authenticated note sharing with role-based access control
- Configured AWS S3 with strict IAM policies for secure file storage and lifecycle management
- Integrated RDS (MySQL) for structured metadata management and efficient querying with optimized indexing
- Implemented CloudFront CDN to deliver files globally with low latency, HTTPS enforcement, and secure access
- Developed a React SPA frontend hosted on S3 with CloudFront for seamless user interaction
- Ensured scalability and maintainability through clean practices and comprehensive documentation

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Certified DevOps Professional | [Link](#)

Oracle Cloud Infrastructure 2025 Certified Generative AI Professional | [Link](#)

Oracle Cloud Infrastructure 2025 Certified Multicloud Architect Professional | [Link](#)

Languages

English , Hindi , Kannada