MOHAMMED SHOAIB I. MAKANDAR

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Education

Rani Channamma University, Karnataka   **2024 - 2027**
- Bachelor's in Computer Applications | CGPA: **8.37/10**   (expected)

Jain Polytechnic, Belgavi | Department of Technical Education, Karnataka   **2020 - 2023**
- Diploma in Computer Science and Engineering | *CGPA: 9.52/10 | Among Top 1% students in Karnataka*

Skills

Programming: C | Java | Python
Cloud Platforms & Infrastructure: Amazon Web Services(AWS), Microsoft Azure, Terraform.
DevOps & Automation: Docker, Kubernetes, Jenkins, Git, GitHub, CI/CD pipelines, Infrastructure as Code (IaC), Configuration Management, Automation Scripting.
Monitoring & Logging: Prometheus, Grafana
Databases: SQL, MongoDB, Relational Databases, DBMS, Oracle
Software Engineering Concepts: Object-Oriented Programming (OOP), Agile & Scrum Methodologies, Microservices.
Management: Operational Strategy, Strategic Thinking, Innovation & Creativity, Change Management, Delegation, Time Management, Decision Making, Problem Solving. Effective Communication, Leadership, client communication, stakeholder coordination.

Work Experience

Eyesec Cybersecurity Solutions Pvt. Ltd | Junior Cloud Engineer Intern   **Mar'23 - Jun'23**
- Architected and implemented a scalable cloud-based SaaS solution on AWS for a Farm House Goods client, analyzing 50+ use cases to optimize the architecture, resulting in a 40% revenue increase in Q1 and a 6.33% sales boost over six months.
- Configured and monitored AWS services, including EC2, ECS, S3, and load balancers to ensure high availability, performance, and cost-efficiency of SaaS applications.

BSNL | Internship   **Sep'22 - Oct'22**
- Supported network infrastructure management by working with routers, switches, and FTTH systems, ensuring a reliable networking backbone and enhancing system stability.
- Assisted in CRM implementation to automate sales workflows, reducing administrative workload by 10% and improving operational efficiency by 5% through better sales team focus.

Selected Projects

City Wellness – Smart Reporting and Monitoring System | GitHub   **Jan'25 - Jun'25**
- Developed a full-stack AI-powered waste management platform with TensorFlow (92% accurate CNN classifier), Flask, Node.js, and MongoDB—enabling real-time reporting via voice, image, and GPS, expected to increase citizen participation by 70% and reduce overflow incidents by 55%.
- Implemented a role-based admin dashboard with Firebase Auth, automated routing using historical data, and integrated complaint/feedback modules—boosting report handling efficiency by 65%, optimizing route planning by 40%, and eliminating 60% of manual monitoring.

DevSecOps Pipeline for Netflix Clone Deployment on Kubernetes   **Dec'24**
- Automated CI/CD pipeline using Jenkins, integrating Trivy and SonarQube for security scans, and standardized Docker image builds with Docker Hub—resulting in 60% faster deployments and 20% reduced AWS operating costs.
- Deployed containerized services to AWS EKS with Helm and ArgoCD (99.9% uptime), implemented Prometheus-Grafana monitoring to cut incident response time by 50%, and improved failure visibility by 30% via SMTP alerting

Certifications

Diploma in Office Automation | Oracle Cloud Success Navigator Essentials | Oracle Cloud CX Certified Foundations Associate | Oracle Cloud ERP Foundations Certified Associate | Oracle Cloud HCM Certified Foundations Associate | Oracle Cloud SCM Certified Foundations Associate

Positions of Responsibility

Placement Coordinator Organized company drives, peer resume reviews, and mock interviews.| **Event Organizer** Managed technical and cultural events with smooth logistics and high participation. | **Cybersecurity Workshop Volunteer** Supported Secuneus Tech in hands-on sessions for 100+ students.