

# MOHAMMED SHOAIB I. MAKANDAR

+91- 8660753502 | Email: [md.shoaib.i.makandar@gmail.com](mailto:md.shoaib.i.makandar@gmail.com) | [GitHub](#) | [LinkedIn](#) | [Portfolio](#) | Belgavi, Karnataka

## 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.