

MOHAMMED SHOAIB I. MAKANDAR

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

Career Objective

As a DevOps and Cloud-focused undergraduate with hands-on experience in AWS, Kubernetes, Docker, Terraform, and CI/CD pipelines through internships, academic, and personal projects, I am seeking DevOps or Cloud internships and entry-level roles to build reliable and secure cloud systems using automation, monitoring, and backend scripting with Python, Java, and Cloud Tools & Technologies.

Educations

Rani Channamma University, Karnataka

Pursuing

- Bachelor's Degree in Computer Applications | CGPA: **8.37/10**

Jain Polytechnic, Belgavi | Department of Technical Education, Karnataka

2020 - 2023

- Diploma in Computer Science and Engineering | Cloud Computing | CGPA: **9.52/10**

Work Experience

Junior Cloud Engineer Intern | Eyesec Cybersecurity Solutions Pvt. Ltd

Mar'23 - Jun'23

- Assisted in architecting and implementing 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 the high availability, performance, and cost efficiency of SaaS applications.

Intern | Bharat Sanchar Nigam Limited (BSNL)

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 AI-Powered Waste Reporting System | Full Stack, ML, AWS, GitHub Actions

[GitHub](#)

Published a research paper with the IEEE

- 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 waste incidents by 55%** as citizens quickly address the area of waste dumped.
- Implemented a role-based admin dashboard with Firebase Auth, automated routing using historical data, and integrated a complaint/feedback module, which boosted report handling efficiency by 65%, optimized route planning by 40%, and eliminated 60% of manual monitoring as **AI determines** the waste category and allocates the severity (High, Mid, Low).
- Architected a cloud-native deployment model using **AWS** (EC2, ASG, ELB, Route 53) with CI/CD pipelines, which reduced **deployment effort by 80%**, increased **uptime to 99.95%**, and improved overall system reliability.
- Optimized platform scalability via **Dockerized** microservices and auto-scaling policies, reducing DevOps overhead by 50%, ensuring **zero-downtime** rollouts, and enhancing end-user reporting speed by 35%.

Netflix - DevSecOps | Docker, Kubernetes, Grafana, Prometheus, Jenkins, AWS.

- 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**.

Skills

Programming: C, Java, Python.

Cloud Platforms & Infrastructure: Amazon Web Services(AWS), Microsoft Azure, Infrastructure as Code (IaC), Terraform.

DevOps & Automation: Kubernetes, Docker, Git, GitHub. CI/CD pipelines, Jenkins, GitHub Actions, Microservices.

Monitoring & Logging: Prometheus, Grafana

Databases: MySQL, MongoDB, Oracle

OS, Servers & Networking: Linux/Unix, MacOS, Windows, Nginx, Apache, OSI, TCP/IP, DNS, VPC

Software Engineering Concepts: Agile & Scrum Methodology.

Management: Effective Communication, Leadership, Client Communication.

Related Course Works

[Software Engineering Principles and Practices, Object-Oriented Programming, Data Structure and Algorithms, Operating System and Administration, Computer Networks, Advanced Java, DBMS, Cloud Computing]

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 Responsibilities

Teaching Assistant: Delivered lectures on multiple academic courses and helped students clear academic doubts.

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 150+ students.