

Mohammed Shoib. M

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TECHNICAL SKILLS

Programming Languages: Java, Python, C, SQL (MySQL, MongoDB), JavaScript, HTML/CSS

Cloud and Infrastructure: Amazon Web Services(AWS), Microsoft Azure, Terraform.

Developer Tools: Git, Docker, Jenkins, GitHub Actions, Prometheus, Grafana

Soft skills: Effective Communication, Leadership, Client Communication

RELEVANT COURSEWORK

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

EXPERIENCE

Junior Cloud Engineer Intern

Mar'23 – Jun'23

Eyesec Cybersecurity Solutions Pvt. Ltd

- 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, and load balancers, to ensure the high availability, performance, and cost efficiency of SaaS applications.

Intern

Sep'22 - Oct'22

Bharat Sanchar Nigam Limited (BSNL)

- Supported network infrastructure management by working with networking devices 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.

PROJECTS

City Wellness: AI-Powered Waste Reporting System

| Full Stack(MERN), ML, AWS, Docker, GitHub Actions. [GitHub](#)

- Developed a full-stack AI-powered waste management platform using Tensorflow (92% accurate CNN classifier), enabling real-time voice, image, and GPS reporting, projected to increase citizen participation by 70% and reduce overflow waste incidents by 55%.
- 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.

CloudForge: Cloud-Native DevSecOps Platform

| Docker, Kubernetes, Grafana, Prometheus, Jenkins, AWS. [GitHub](#)

- 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**.

EDUCATION

Rani Channamma University

Karnataka, IND

Bachelor of Computer Application | CGPA: 8.37/10

Aug. 2024 – Aug 2027

Jain Polytechnic | Board of Technical Education

Karnataka, IND

Diploma in Computer Science and Engg, Majors in Cloud Computing | CGPA: 9.52/10

Aug. 2020 – Aug 2023

POSITIONS OF RESPONSIBILITY

Teaching Assistant: Delivered lectures on 3+ academic courses and helped 90+ students clear academic doubts.

Event Organizer: Managed technical and cultural events with smooth logistics and high participation.

Cybersecurity Workshop Volunteer: Supported Secuneus Tech in hands-on sessions for 200+ students.