

Mohammed Shoaib. 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

- Contributed to the architecture and deployment of a scalable AWS SaaS solution by evaluating 50+ use cases to optimize infrastructure design, driving 40% Q1 revenue growth and 6.33% sales uplift, while managing AWS services like ECS, and load balancers to maintain high availability and cost efficiency.

Intern

Sep'22 - Oct'22

Bharat Sanchar Nigam Limited (BSNL)

- Supported network infrastructure and FTTH system operations while contributing to CRM implementation for sales workflow automation, improving backbone stability, reducing administrative workload by 10%, and increasing overall operational efficiency by 5%.

PROJECTS

Deep Packet Inspection | *Java, Maven* [GitHub](#)

- Engineered a 2,200+ LOC multi-threaded, production-grade DPI engine in Java featuring a zero-copy concurrent pipeline, custom TLS 1.2/1.3 SNI parser, and stateful TCP tracking, enabling HTTPS application-level classification (YouTube, Netflix, etc.) without third-party libraries, supporting 100K active connections with LRU eviction and O(1) rule lookups for high-throughput, low-latency packet inspection.

City Wellness: AI-Powered Waste Reporting System | *Full Stack(MERN), ML, AWS, Docker, GitHub Actions.* [GitHub](#)

- Built and deployed an AI-powered smart waste management system with a 92% accurate TensorFlow CNN model and real-time citizen reporting (voice, image, GPS), architected on AWS with auto-scaling and CI/CD, achieving 99.95% uptime, 80% faster deployments, and projected 70% increase in engagement.

CloudForge: Cloud-Native DevSecOps Platform | *Docker, Kubernetes, Grafana, Prometheus, Jenkins, AWS.* [GitHub](#)

- Designed and automated an end-to-end DevSecOps pipeline using Jenkins, Trivy, SonarQube, Docker Hub, and AWS EKS (Helm + ArgoCD), achieving 60% faster release cycles, 99.9% service uptime, 50% faster incident resolution, and 20% lower infrastructure costs through optimized container orchestration and proactive monitoring.

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.