

# Mohammed Shoib. M

+91 8660753502 | [md.shoib.i.makandar@gmail.com](mailto:md.shoib.i.makandar@gmail.com) | [linkedin.com/in/myselfmd](https://linkedin.com/in/myselfmd) | [github.com/MaDycloud-MD](https://github.com/MaDycloud-MD) | [Portfolio](#)

## 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.