

Mohammed Shoaib. Makandar

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

Summary:

DevOps & Cloud Engineer with expertise in AWS, Kubernetes, Docker, Terraform, and CI/CD automation. Designed scalable cloud infrastructures, optimized SaaS applications, and automated deployments. Built secure CI/CD pipelines, reducing deployment time by 60%, and deployed AWS Rekognition-based face recognition with 99.9% uptime. Passionate about automation, cloud security, and infrastructure as code (IaC).

Experience

Junior Cloud Engineer Intern Eyesec Cybersecurity Solutions Pvt. Ltd Belgavi	March 2023 – June 2023
<ul style="list-style-type: none">Problem: The company required a scalable and efficient cloud infrastructure to support SaaS applications while optimizing online sales for a client in the Farm House Goods sector.Action: Managed and configured AWS services, including EC2 (VMs), storage solutions, ECS (containers), and Load Balancers for SaaS applications. Conducted an in-depth analysis of various use cases and designed a customized cloud-based blueprint for improving online sales.Result: Successfully deployed the optimized SaaS infrastructure, leading to a 6.33% increase in sales within the first six months of implementation.Conducted in-depth analysis of 50+ use cases and crafted a comprehensive cloud-based SaaS application plan; successfully transformed the online sales of Farm House Goods, driving a 40% boost in revenue within the initial quarter.	
Trainee BSNL Belgavi	September 2022 – October 2022
<ul style="list-style-type: none">Problem: BSNL needed improved efficiency in sales operations while ensuring robust networking infrastructure management.Action: Completed comprehensive training in Computer Networks, focusing on critical components like switches, routers, and FTTH (Fibre To The Home). Additionally, contributed to Networking Server management. Enforced a CRM system to streamline sales operations and reduce administrative workload.Result: Achieved a 10% reduction in administrative tasks, allowing the sales team to prioritize high-value opportunities, which led to a 5% increase in overall sales efficiency.	

Selected Projects

DevSecOps Pipeline for Netflix Clone Deployment on Kubernetes <ul style="list-style-type: none">Designed and executed a CI/CD pipeline using Jenkins, reducing deployment time by 60% through automation.Integrated security tools like SonarQube and Trivy for vulnerability scanning, improving code quality and reducing security risks by 40%.Deployed containerized applications over AWS Elastic Kubernetes Service (EKS) using Helm and ArgoCD, ensuring 99.9% uptime.Built real-time monitoring with Prometheus and Grafana, reducing incident response time by 50%.Automated Docker image builds and pushed to Docker Hub, improving deployment consistency and security.Configured SMTP-based notifications for pipeline failures, improving failure detection and resolution by 30%.Optimized cloud infrastructure on AWS, reducing operational costs by 20% through efficient resource allocation.	
Automated Face Recognition System Deployment using AWS Rekognition <ul style="list-style-type: none">Problem: Traditional face recognition systems required high computational power and lacked scalability in cloud-based environments.Action: Designed and deployed an AWS Rekognition-based Face Recognition System, integrating S3, Lambda, DynamoDB, and IAM roles for secure and efficient processing. Engineered a high-accuracy machine learning model, ensuring seamless image identification and real-time analysis. Implemented a scalable architecture with data enrichment for continuous improvement.Result: Improved image recognition accuracy by 15%, reduced processing time by 30%, and ensured 99.9% system uptime through efficient cloud infrastructure	
Dockerizing and Deploying '2048' Game on AWS with Elastic Beanstalk <ul style="list-style-type: none">Problem: Deployment of web-based applications often faced compatibility issues and manual configuration complexities across different environments.Action: Dockerized the '2048' game and deployed it on AWS Elastic Beanstalk, creating a lightweight, scalable containerized solution. Configured Docker images, automated provisioning, and streamlined application hosting to ensure seamless deployment.Result: Achieved 40% faster deployment times, reduced server provisioning efforts by 50%, and enhanced system reliability with 99.8% uptime, demonstrating expertise in Docker, AWS deployment, and DevOps methodologies.	

Technical Skills

Programming Languages: **Java**, Python, C
Cloud & Infrastructure: AWS (EC2, S3, Lambda, Rekognition, Elastic Beanstalk, DynamoDB, IAM), Azure, Terraform
DevOps & Automation: Docker, Kubernetes, Jenkins, Git, GitHub, CI/CD, Configuration Management, Automation
Monitoring & Logging: Grafana, Prometheus
Databases: DBMS, SQL, DynamoDB
Networking & Security: Computer Networks, Load Balancing, IAM Roles, Networking Server Management
Software Development Concepts: Object-Oriented Programming (OOP), Agile & Scrum Methodologies, SaaS Architecture
Operating Systems: Linux/Unix, Windows, MacOS
Software Tools: Visual Studio Code(VS Code), Vim, Nano

Management & Leadership Skills

Operational Strategy, Strategic Thinking, Innovation & Creativity, Change Management, Delegation, Time Management, Decision Making, Problem Solving, Coaching & Mentoring, Effective Communication, Leadership

Volunteer and Leader Experience

Placement Coordinator : Coordinated with recruiters to facilitate student placements and career events.
Assisted peers with resume building and interview preparation.
College Event Organizer: Planned and managed technical, sports, and cultural events for smooth execution.
Handled logistics and scheduling to optimize participation.
Workshop Volunteer | Cyber Security vs Ethical Hacking: Assisted in troubleshooting and hands-on guidance for 100+ attendees.
Supported Secuneus Tech’s cybersecurity workshop for interactive learning.

Certification

- Diploma in Office Automation

Education

- Bachelor of **Computer Application** | Rani Channamma University, Karnataka
- Diploma in **Computer Science and Engineering** | **CGPA: 9.52/10** | Jain Polytechnic, Karnataka