

Mohammad Bin Abdullah

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EXPERIENCE

IT Operations & Infrastructure Engineer

Jan 2025 – Present

Renusoft Private Limited

- Manage Linux, Windows, and network infrastructure, ensuring reliable IT operations and system security.
- Troubleshoot complex infrastructure, networking, and system issues; mentor interns on cloud and operational improvements.

Freelance Software Developer

Apr 2023 – Apr 2025

Mobile & Web Applications

- **Mobile:** Developed crossplatform apps (React Native, Flutter) and native Android apps (Kotlin); integrated REST APIs and optimised performance.
- **Web:** Developed fullstack applications using React, Node.js, Express.js, MongoDB; delivered WordPress/Elementor, Shopify ecommerce sites.

PROJECTS

Kubernetes Three-Tier DevSecOps Pipeline

GKE | Kubernetes | Terraform | Jenkins | ArgoCD

- Deployed a three-tier React, Node.js, and MongoDB application on GKE using Docker and Kubernetes.
- Provisioned infrastructure with Terraform and implemented CI/CD using Jenkins and GitOps using ArgoCD.

CS – Department Management Mobile Application

React Native | TypeScript | Firebase

- Developed a cross-platform mobile app with role-based auth, real-time announcements, and push notifications.
- Designed a responsive UI with offline support and Firebase integration.

GreenCart – MERN E-Commerce Platform

React | Node.js | MongoDB

- Built a full-stack e-commerce platform with JWT authentication, REST APIs, and product management.
- Developed the backend using Node.js, Express.js, and MongoDB Atlas; deployed the frontend on Vercel.

EDUCATION

University of Agriculture, Faisalabad (UAF)

2023 – Present

Bachelor of Science in Software Engineering (BSSE)

Faisalabad, Pakistan

SKILLS & COMPETENCIES

Systems & Cloud: Linux (Ubuntu, CentOS), Windows Server, GCP, AWS, Azure, DigitalOcean

Networking: TCP/IP, DNS, DHCP, VLANs, Routing, VPN, Firewalls

DevOps & Automation: Docker, Kubernetes, Terraform, Ansible, Jenkins, ArgoCD, CI/CD

Scripting: Bash, Python, PowerShell (basic)

Monitoring & Troubleshooting: System performance monitoring, log analysis, real-time issue resolution

Security & Backup: Access controls, patching, vulnerability assessment, backup/disaster recovery

INTERESTS

Professional: Cloud Computing, DevSecOps, Linux, Networking, Infrastructure Automation, Cybersecurity, AI/ML

Personal: STEM, Mathematics, Physics, Electronics, Maqamat (Melodies), Content Creation 