

MUHAMMAD SAQIB AFZAL

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PROFESSIONAL SUMMARY

Software Engineering graduate with hands-on experience in DevOps practices, full-stack development, and mobile application development. Currently serving as DevOps Intern at University of Lahore's IT Department, focusing on CI/CD automation, containerization, and infrastructure management. Proven ability to develop and deploy scalable applications through freelance projects. Strong technical skills combined with problem-solving abilities and collaborative mindset.

EDUCATION

Bachelor of Science in Software Engineering

Superior University, Lahore | 2020 - 2024

Intermediate in Pre-Engineering

Superior College, Lahore | 2018 - 2020

PROFESSIONAL EXPERIENCE

DevOps Intern

University of Lahore (UOL), IT Department | Current

- Implement CI/CD pipelines using Jenkins and GitHub Actions for automated software delivery
- Configure and deploy containerized applications using Docker for consistent environments
- Monitor system performance and analyze logs to identify and resolve infrastructure issues
- Collaborate with development teams to streamline deployment workflows and improve code quality
- Automate infrastructure tasks using Bash scripting to reduce manual processes
- Maintain version control repositories and enforce Git branching strategies

Freelance Web and App Developer

Self-Employed | Ongoing

- Develop responsive web applications using React.js, Next.js, and Node.js for diverse clients
 - Build Android mobile applications with Java and XML implementing user-friendly interfaces
 - Integrate RESTful APIs and manage MySQL and Firebase databases for real-time data handling
 - Deploy applications on Vercel, Netlify, and Firebase Hosting ensuring high availability
 - Manage complete project lifecycles from requirements gathering to final delivery
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KEY PROJECTS

Automated Deployment Pipeline

Designed CI/CD pipeline with automated testing, building, and deployment stages reducing deployment time

Management Information Systems

Developed academic and business management systems with real-time data processing, CRUD operations, role-based access control, and responsive design

E-Commerce Web Applications

Built e-commerce platforms with user authentication, shopping cart functionality, payment integration, and admin dashboards

Portfolio Website

Created portfolio using Next.js showcasing projects and technical skills with optimized performance

TECHNICAL SKILLS

DevOps and Infrastructure: Git, GitHub, GitLab, Docker, Jenkins, CI/CD Pipelines, Linux, Bash Scripting, Infrastructure Management, System Monitoring, Automated Deployment

Programming Languages: JavaScript, Java, PHP, Python, HTML5, CSS3

Web Development: React.js, Next.js, Node.js, RESTful APIs, Responsive Design

Mobile Development: Android Development, Java, XML, Android Studio

Database Management: MySQL, Firebase, MongoDB, Database Design, Query Optimization

Tools and Platforms: VS Code, Android Studio, Figma, Canva, Vercel, Netlify, Firebase Hosting, MS Office Suite, Git Version Control

Operating Systems: Windows, Linux

CORE COMPETENCIES

Technical Skills: CI/CD Implementation, Infrastructure Automation, Containerization, Version Control, Full-Stack Development, Mobile Development, Database Design, API Development, System Administration, Performance Monitoring

Professional Skills: Problem-Solving, Team Collaboration, Communication, Project Management, Client Relations, Technical Documentation, Time Management, Attention to Detail, Adaptability, Quality Assurance

LANGUAGES

English: Professional Working Proficiency

Urdu: Native Speaker