

Muhammad Aitisam Ahmed

DevOps Engineer

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EDUCATION

Bachelor of Science in Computer Science

Air University, Islamabad

Sep 2021 - May 2025

TECHNICAL SKILLS

Programming Languages: Python, Bash, C#, JavaScript, SQL, Node.js

Clouds: Amazon Web Services (AWS)

Technologies/Tools: Linux, Jenkins, GitHub, Bitbucket, Docker, Kubernetes

Security Tooling: Nmap, Metasploit, Nessus

WORK EXPERIENCE

.NET Developer Intern

Air University, Islamabad

July 2024 - August 2024

- Developed and deployed scalable web application using .NET Core, Blazor and SQL Server, enhancing performance and user experience
- Designed and implemented efficient database architectures, leveraging Entity Framework Core for seamless data management.
- Engineered RESTful APIs to facilitate smooth and responsive web applications, ensuring cross-platform compatibility.
- Enhanced proficiency in C Sharp, .NET Core and Blazor contributing to the development of robust and scalable solutions

DevOps Intern —

Bitewise Company

June 2024 - September 2024

- Gaining hands-on experience with Linux, Jenkins, Docker, Kubernetes to build and manage scalable infrastructure.
- Creating and managing CI/CD pipelines for automated software deployment and efficient workflow execution.
- Working on DevOps project involving cloud automation, containerization and system security.

PROJECTS

- **Full Stack Web Application Deployment on AWS**
 - Deployed full-stack web applications on AWS EC2 instances with Auto Scaling Groups and Elastic Load Balancer, ensuring high availability and improved performance
 - Configured CI/CD pipelines for automated deployment, streamlining deployment workflow and reducing deployment time.
- **Student Management System using .NET**
 - Designed and Deployed a comprehensive student management system with role-based access control, allowing students, teachers, and administrators to manage courses, attendance and performance tracking efficiently.
 - Implemented ASP.NET Core and Blazor Server, integrating SQL Server and scalable database management.
- **Point of Sale (POS)**
 - Working on a modern POS system for Air University enabling efficient transaction processing, inventory tracking and sales management.
 - Utilizing ASP.NET Core, Blazor Server and SQLite to build a scalable and secure backend infrastructure.
 - Designing a responsive and user-friendly interface for seamless usage across desktops and mobile devices.
 - Implementing role-based authentication and authorization, ensuring secure access for students, staff, and administrators.
- **JENKINS for Complete CI/CD**
 - Configured Jenkins server automating .NET application builds, slashing deployment time by 50% and reducing manual intervention by 60
 - Established a CI pipeline minimizing build times by 40% and increasing deployment frequency by 50