HASSAM AHMAD

House No-46, Jasmine Block, Al-jalil Garden Lahore | +92-3104153220 |
hassamahmadbajwa@gmail.com

Aspiring DevOps Engineer with a solid foundation in software engineering principles and hands-on experience gained through academic projects and internship. Looking to contribute to building reliable and scalable systems while continuing to grow my skills in DevOps.

EDUCATION

Virtual University of Pakistan
Bachelor of Science in Computer Science (BSCS)
(GPA: 2.9/4.0)
Year | (Fall 2020)

RELEVANT COURSES

- **Introduction to Programming**
  Covered fundamental concepts of programming logic and syntax
- **Object Oriented Programming**
  Explored principles of object-oriented design and development
- **Data Structures**
  Studied essential data structures and their applications

SKILLS

Tools and Technologies
- Amazon Web Services (AWS): EC2, EBS, S3, IAM, RDS, EKS, Auto-Scaling, Load balancing
- Docker, Kubernetes
- GitHub Actions
- Linux & Bash Scipting
- Git

Programming Languages
- C++
- Bash
- MERN - JavaScript, Node.js, React.js, Express.js, MongoDB.

EXPERIENCE

Intern - Final Year Project / Virtual University Software House   *Oct/2024*

- Developed a role-based job portal using MERN technologies (MongoDB, Express.js, React.js, Node.js).
- Used JWT authentication and protected routes for secure and role-specific access.
- Integrated Redux Toolkit & RTK Query for efficient state and API management.
- Created **docker files** for both frontend and backend, enabling **containerization**.
- Implemented **CI pipeline** using **GitHub Actions** for automated build of docker image of the application and push it to docker hub.
- Wrote bash script to automatically deploy the project on local system using **Docker Compose**, efficiently running multi-container applications.