

# Muhammad Uzair Javed

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## SUMMARY

Insightful senior year computer science student who is dedicated to studying and developing abilities in cyber security and devops. Working individually and collaboratively on group tasks, self-directed and enthusiastic with exceptional performance in both autonomous and collaborative situations.

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## EXPERIENCE

### AWS and DevOps Intern Systems Limited

June 2023 - September 2023, Pakistan

- Automated deployment of research-backed applications utilizing AWS tools such as EC2, S3, VPC, RDS, and IAM.
- Reduced deployment times for applications by 50%, improved scalability by introducing autoscaling, and increased availability with multi-regional deployments.
- Configured logging and monitoring with AWS CloudWatch and provided support for resources running in many AWS accounts.
- Got an opportunity to learn containerization tools like Docker and Kubernetes.
- Experienced in creating and managing Kubernetes clusters and deploying applications, pods, and containers using Kubernetes.

### Quality Assurance Executive IPSpecialist

October 2022 - June 2023, United Kingdom

- Evaluate and access the quality of the content provided by the content developers.
- Implement labs on AWS AND AZURE console, to ensure the correctness of the content
- Review and prepare content for certification exams, including AWS Cloud Practitioner, AWS SysOps, AWS Cloud Architect, and AWS Data Analytics. Utilized various resources and study materials to gain a comprehensive understanding of the concepts and technologies covered in the exams.

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## PROJECTS

### BIG DATA HANDLING

FAST NUCES

- Worked on C++ to handle E-commerce churn Data (8GB).
- Performed data operations like sorting, data processing, data cleaning and data clustering manually.
- Used user-defined Data Structures such as Binary Search Tree and AVL Tree.
- Used vectors to load the data.

### REAL TIME CHATTING APPLICATION

FAST NUCES

- Developed a real time chatting application on web.
- Used PHP for server side development
- Used MySQL database to store data. Used Asynchronous JavaScript, HTML, CSS and Bootstrap for client side development and technique of Short Polling for real time chatting.

### Research Paper: DevSecOps Importance, Applications and Utility

FAST NUCES • February 2023 - May 2023

- Conducted in-depth research on DevSecOps and authored a research paper that briefly described the significance, applications, and utility in the software industry.

### Cattify

FAST NUCES • November 2022 - December 2022

- Developed a website that will be primarily used for buying & selling cattle.
- The website will enable users to sell their cattle or buy from a cattle farm and detailed descriptions of each animal, like their breed, weight, type, and price.
- Used PHP for back-end and HTML/CSS FOR front-end. MySQL was used for the database configuration.

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## EDUCATION

### Bachelors in Computer Science

**SKILLS**

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**Programming Languages:** C, C++, Python

**Front End :** Python, HTML, CSS

**Back End:** PHP, SQL

**Tools:** LINUX, KALI LINUX, WIRESHARK

**DevOps Tools:** AWS, AZURE, LINUX, DOCKER, KUBERNETES, JENKINS,ANSIBLE, GIT