

Aquib Khan

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SUMMARY

An inquisitive individual having hands-on experience in C++, AWS and DevOps, with passion to continue learning and expanding the horizon of knowledge. Seeks a flexible environment that inspires digital creativity and development for better output.

EDUCATION

Babu Banarasi Das Institute of Technology and Management

Lucknow, UP

Electronics and Communication/B.Tech. (CGPA: 6.6)

Oct 2020 - Jun 2023

WORK EXPERIENCE

DSA & C++ Learning Intern

Jun 2022 - Aug 2022

- Created projects using C++.

PROJECTS

AWS DevOps Projects

Aug 2023

My extensive project portfolio spans about DevOps and AWS, with hands-on experience in manually provisioning Linux distributions (Ubuntu, CentOS) using Vagrant. Skilled in configuring services like Apache Tomcat, RabbitMQ, MemCache, Nginx, Apache2, and HTTPD. Successfully automated project workflows through bash scripting, optimizing processes, and deployment. Worked on AWS EC2 instance projects, managing services such as Tomcat, Amazon MQ, ElastiCache, Security Groups, ASG, ELB, Beanstalk, and S3.

Deployed Jenkins CI/CD pipeline projects using Git, Maven, SonarQube, Docker, and Amazon ECS. Actively expanding technical expertise through hands-on experience and eager to contribute to dynamic projects.

Intrusion Detection and Prevention for Agricultural Lands

Aug 2022 - May 2023

- Developed and implemented a cutting-edge project Intrusion Detection and Prevention system with collaborative team using Arduino/C++ for agricultural lands, resulting in a 60% reduction in crop loss due to animal intrusion.

Mini CNC Plotter

Dec 2019 - Apr 2020

- A GUI application designed for the Mini CNC Plotter made with Arduino Nano, stepper motors and drives from old CD drives.

TECHNICAL SKILLS

- **Programming Languages:** C++, Python
- **Cloud:** AWS, AWS EC2 Instances, AWS IAM, AWS ECS
- **Tools:** Bash Scripting, Jenkins, Vagrant, Ansible, Git, Docker

CERTIFICATIONS

CCNA: Introduction to Networks

Cisco Networking Academy

July 2023 - Aug 2023

- Gained knowledge of networking including IP addressing, data link protocols, connectivity between switches, routers and end devices, and accumulated up to 14 hours of hands-on labs.

C++ with DSA

Coding Ninjas

July 2022 - Aug 2022

Python

Prutor@IITK

Feb 2022

System Identification Number 69287-10614-3b334707209e4e60-2021