

# Tooba Balooch

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## ABOUT ME

I wanted to build a dynamic career as a DevOps Engineer within a professional organization, contributing significantly to its growth while fostering a collaborative and innovative working environment.

At heart, I'm a problem-solver and a collaborator. I believe in the power of teamwork and continuous improvement to drive innovation and achieve greater agility, scalability, and resilience in our projects.

## WORK EXPERIENCE

### DevOps Engineer

**Eurus Technologies** [ 26/11/2023 – Current ]

City: Islamabad | Country: Pakistan

- Troubleshooting
- Deployment of websites
- Infrastructure as code ( Terraform and Cloudformation )
- Manual Configurations on AWS
- AWS Services such as EC2 , VPC, S3, Loadbalancer, AutoScaling , RDS, DynamoDB , Codepipeline , SNS, ECS , Lambda and Cost Optimization.
- Bash and Python Scripting
- Manage Dockerfiles

## EDUCATION AND TRAINING

### Bachelor in Computer Science

**Rawalpindi Women University** [ 28/10/2019 – 25/07/2023 ]

City: Rawalpindi | Country: Pakistan | Level in EQF: EQF level 6

### Intermediate Computer Science

**Viqar-un-nisa College , Rawalpindi** [ 10/09/2017 – 20/08/2019 ]

City: Rawalpindi | Country: Pakistan | Level in EQF: EQF level 4

### Matric

**F.G girls high school chaklala , gracy lines , rawalpindi** [ 25/07/2017 ]

City: Rawalpindi | Country: Pakistan | Level in EQF: EQF level 3

## DIGITAL SKILLS

Python / C / C++ / C+ / HTML, CSS and XML

## PROJECTS

### Final Year Research Project

Spam Emails Detection Using Deep Learning

Email spam is an unwanted bulk message that is sent to recipient's email address without explicit consent from the recipient. This is usually considered a means of advertising and maximizing profit, especially with the increase in the usage of the internet for social networking but can also be very frustrating and annoying to the recipients of these messages as technology continuous to advance, email is used in almost every field.

This was a reserach based project. I trained a deep learning **RNN** model on **Spam Assassin dataset** and achieved **98.8%** accuracy. Then I designed front end using flask framework on vs code and integrated the RNN model with front end.

**Final Grade: A+**

### **Dynamic CI/CD Pipeline with AWS Using Terraform**

### **Automated WordPress Deployment on AWS Using Terraform**

### **Hybrid Approach to AWS AppStream 2.0 Deployment: Manual and Terraform-Based Implementation**

## **COMMUNICATION AND INTERPERSONAL SKILLS**

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### **Technical Skills**

- Linux
- Bash Scripting
- AWS
- Cloud Formation IAC
- Networking
- Python scripting
- Docker
- Terraform
- Jenkins
- AWS Code Pipeline
- Git
- Github
- Prometheus
- Grafana
- logz.io
- Packer
- Terragrunt
- kubernetes

## **CERTIFICATIONS**

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### **Object Detection and Classification**

Hands on Training Workshop on Object Detection and Classification using Deep Learning models.

### **Cyber Security**

Hands on Training on Cyber Security

## **CONFERENCES AND SEMINARS**

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### **Visualization of Data mining / machine learning by using python in pycharm**

1. Data mining algorithms
2. Pattern matching with regular expression
3. Training models in machine learning

### **Hands on training on cyber security**

1. Penetration testing for android devices
2. OWASP's top 10 vulnerabilities
3. Tools for trade
4. Ethical hacking

### **Hands on training workshop on object detection and classification using deep learning models**

1. Introduction to Object detection and classification tools and technologies and their application.
2. An overview of required tools and their application.
3. Input Data Preprocessing / Image labeling

## **HONOURS AND AWARDS**

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**Certificate of Achievement for Securing 3rd Position in matric**

## **RECOMMENDATIONS**

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**Name: Muhammad Usman Sharif** | Teacher

- It has been a privilege to mentor Tooba Balooch, who consistently demonstrates dedication, strong work ethic, and a passion for learning. Tooba Balooch excels in logical thinking and problem-solving, always completing tasks with precision and on time.

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