



Rana Haris Ali

Software Engineer

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🔗 [Portfolio](#)

Profiles

[in LinkedIn](#)

[GitHub](#)

Summary

Full-stack developer and DevOps engineer with over two and a half years experience of developing, deploying and managing applications using a wide range of tools and technologies.

Skills

Programming

Javascript, Typescript, Python, Java, Bash, Shell

Web Development

HTML, CSS, React.js, NextJS, Bootstrap

DevOps and Cloud

AWS, GCP, Jenkins, Azure, ELK, EC2, VM, S3, RDS, Terraform, Ansible, CICD, ECS, Prometheus, Grafana, Github, Bitbucket, Gitlab, Shell Scripts, Docker, Kubernetes

Application Deployment

Nginx, Apache, PM2, Docker, Kubernetes

Databases

MySQL, PostgreSQL, MongoDB, Redis

Source Control and Management

Git, Jira, Linear, Trello

Operating Systems

Linux, Windows, MacOS

Microsoft Office

Certifications

Data Structures and Algorithms Specialization

UC San Diego (through Coursera)
November 2020

AWS: Going Cloud-Native

AWS (through Coursera)
October 2020

Full-Stack Web Development with React and Node.js

The Hong Kong University (Coursera)
September 2020

Awards

Acknowledgement of Dedication

Funavry Technologies (Employer)
March 2023

Languages

English (C1)

German (A1)

Experience

Funavry Technologies

Software Engineer (Full-time)

March 2022 - June 2024

Islamabad, Pakistan (on-site)

🔗 <https://funavry.com>

- Developed and optimized **4 web applications** with Javascript and Typescript that have cumulative traffic of more than **1 million users**.
- Engineered and maintained **5+ microservices** using NestJS, ExpressJS, and Python, which led to a **30% improvement in system scalability**.
- Developed a streaming platform capable of over **5 million streams**.
- Leveraged **Kubernetes** to orchestrate containers, resulting in **high scalability** and over **99% availability**.
- Worked on substantial projects such as CNBC Arabia news system, Skill Yah Learning Platform and Contxtual Streaming Platform.
- Participated actively in **Agile processes**, contributing to a **15% increase in sprint velocity** and ensuring **95% on-time delivery** of project milestones.

ZVN DEV

DevOps Engineer (Part-time)

August 2023 - June 2024

Rhode Island, USA (Remote)

🔗 <https://zvndev.com/>

- Managed cloud infrastructure including VMs, Databases, Storage Buckets, Containerization, Container Orchestration.
- Built and deployed Continuous Integration / Continuous Delivery (**CI/CD**) **pipelines**, ensuring faster deliveries and **reducing deployment times by 40%**.
- Optimized cloud resources and containerized applications, resulting in over **30% reduction in cloud bills**.

Education

Philipps-Universität Marburg, Germany

Computer Science

April 2024 - Current

Master of Science

🔗 <https://www.uni-marburg.de/>

COMSATS University Islamabad

Software Engineering

2017 - 2022

Bachelor of Science

🔗 <https://www.comsats.edu.pk/>

Projects

CNBC Arabia news management system

🔗 <https://www.cnbcarabia.com/>

- News management system targeted for Middle East region by CNBC.
- Microservices and multiple sites for general users and admins.

Contxtual Streaming Platform

🔗 <https://contxtual.tv>

- A streaming platform that uses object-detection to intelligently serve ads relevant to the video that the user is watching, **with over 95% accuracy**.