

# Shafqat Hussain

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## SKILLS SUMMARY

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- Languages: C++ ,java, SQL, HTML/CSS, JavaScript, Python (Basic)
- Frameworks: Bootstrap
- Tools: Microsoft Office, SQL Server, Git, Docker, Jenkins, Kubernetes visual
- Platforms: Linux (Ubuntu), Visual Studio Code ,Android Studio.
- Skills: Requirements Gathering, Documentation

## Education

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**RIPHAH' INTERNATIONAL UNIVERSITY**, BS in Software Engineering Islamabad (August 2020 - July2024)

- GPA: 3.00/4.00
- **Coursework:** web development , App development, Deployment image on Amazon Web Services

## Experience

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**DevOps Projects**, Personal Learning and Projects April 2023 – July 2023

- **AWS Deployment:** Deployed web applications using Docker containers on AWS, ensuring high availability and scalability.
- **Containerization:** Utilized Docker for containerization, creating and managing Docker images for application deployment.
- **AWS EC2:** Configured and managed AWS EC2 instances for running Docker containers and ensuring optimal performance.

**Final Year Project: Track Lift** September 2023 – July2024

- Developed "Track Lift," a cost-effective mobile app aimed at improving transportation efficiency and safety for students.
- Optimized driving routes for efficient student pickups, enhancing overall transportation efficiency.
- Implemented thorough driver verification processes to enhance safety, focusing on creating a safer environment, especially for female students.
- Increased seat availability to improve comfort for students.

### Technical Details:

- **Language:** Kotlin
- **Platform:** Android Studio
- **Tools:** Git
- **Database:** Firebase

**Final Year Project: Track Lift** September 2022-May2023

- Built an engaging and functional website for users interested in food-related content.
- Developed the frontend, including the creation of user interfaces and client-side functionality.

- Utilized HTML, CSS, JavaScript, and PHP for website development.
- Designed responsive and visually appealing user interfaces.
- Implemented interactive features for an enhanced user experience.

#### Technical Details:

- **Languages:** HTML, CSS, JavaScript, PHP

#### MOBILE APP DEVELOPER : CARE-MED

August2023-Jan2024

- Appointment booking for streamlined scheduling.
- Doctor-patient interaction to facilitate communication.
- Medicine management to ensure proper medication tracking.
- Secure payment systems with integrated payment history tracking.
- Resource allocation optimization for improved service delivery.
- Functionality to find doctors by specialty.
- Hosting of health workshops as events for community engagement.

#### Technical Details:

- **Languages:** java
- **Database :** SQL

#### Certifications

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- **Linux Commands**
- **NoSQL**  
Achieved proficiency in using NoSQL databases, focusing on scalability and performance in non-relational data management.
- **C++**  
Achieved a comprehensive understanding of C++ programming, covering fundamental to advanced concepts, certified by Cisco Networking Academy.
- **Web Development**  
*Issuer: E-Rising Trainers (@ERisingTrainers)*  
Achieved a certification in web development, focusing on creating responsive and dynamic websites using modern HTML, CSS, and JavaScript techniques.
- **Digital Freelancing**  
*Issuer: E-Rising Trainers (@ERisingTrainers)*  
Achieved certification in digital freelancing, mastering skills in managing freelance projects effectively from client communication to project delivery.
- **Guide to YAML Certificate**  
Achieved a deep understanding of YAML, a data serialization format used extensively for configuration files and integrating with various programming languages.
- **Build Portfolio Certificate**  
Achieved expertise in developing professional portfolios, demonstrating projects and skills effectively to potential employers or clients.
- **Dockers**  
Achieved certification in Docker technology, mastering the development, shipping, and running of applications within software containers.
- **Docker's Essential Certificate**  
Achieved mastery in essential Docker skills, including container management, image distribution, and orchestration within Docker ecosystems.

- **Git**

Achieved certification in using Git, the essential distributed version control system for tracking changes in source code during software development.

- **Kubernetes Deployment**

Achieved the ability to deploy and manage applications in Kubernetes, mastering automated deployment, scaling, and operations of application containers across clusters.