


Ayesha Waheed

Software Engineer

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Education

FAST-NUCES

Bachelors in Computer Science

LGS - JT

O & A Levels

Skills

- Python
- Docker
- Data Science
- DevOps
- Android Studio
- JAVA
- Databases
- HTML, CSS
- C++/C
- Unity Hub
- UI/UX
- Communication Skills
- Project Management
- SQL

Certification

- [CI/CD Certification by IBM](#)

Achievements

- Deputy Head of ACM Society
- Won Math competition in A-levels
- Position Holder in O Levels
- Won Art Competition in O Levels

Interests

- DevOps
- Cloud Computing
- Data Science
- UI/UX

Experience

DevOps Internship — Systems Limited

June 2021 to August 2021

Learned new Cloud based technologies. Learned Azure cloud services and Amazon web services. Complete learning of DevOps lifecycle as well as learned use of softwares like Jenkins, ELK stack etc.

CI/CD Pipeline — AWS, Java

Developed CI/CD pipeline for Java code along with Jenkins for fetching and updating the Github. Furthermore, I have utilized Tomcat Server on AWS EC2.

Research Analyst- Salsoft Technologies- Current

Semester Projects

Food App FYP — Android & AI

The food app is a system to search for recipes directly when the user inputs the ingredients according to the mood and taste of the user. The App also provides processing information like slicing, blending etc. It also observes eating patterns of user and predicts any symptoms of disease or any eating disorders. It helps the user to keep track of their dietary and nutritional values. Also tells user the calorie intake. App is both for android and iOS devices. Facial recognition software used to detect mood. CNN was also used in this app. I was the project leader managing the entire project. I also created an efficient UI design for users. I also handled the database work.

Jarvis AI Desktop Voice Assistant — Python

It uses voice command to do various actions automatically on your computer like playing music or sending an email containing your voice controlled message to the sender. I have done various projects in Python and I have a strong grip over this programming language.

Data science — Python

Utilized analytical and technical expertise on Jupyter Notebook to provide insights on football game. Data cleaning was done along with interpolation and developed histograms.

Job portal — UI UX

Developed job portal by collaborating with UI/UX designers along with Android studio i.e. RecyclerView, Fragments, list views and firebase connectivity. Designed UI/UX for job posts, dashboard, CRUD operations and user authentication.

Database Project — SQL

I implemented fully web based PHARMACY on local host as Database Project. Both User Interface and Server Side was handled along with CRUD operations by using HTML, CSS, JavaScript and PHP. Inventory was managed by whole sellers. SQL Server was used for the Database Management.

Library Management System — JAVA

The users can login through their user name and password and the admin can issue books to users. The database is created using MYSQL. I have complete experience of java and classes. I can code using the OOAD concepts.

Angry Birds — Unity

Unity and android studio used to create a 3D game creating different levels. It has varied levels in which birds are thrown on different obstacles to destroy enemies and score of player is recorded. I have complete knowledge of using Unity hub to create 2D and 3D games.