

Muhammad Hammad Maqsood

Software Engineer

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Education

08/2017 – 08/2021 **Bachelor of Science in Computer Science,**
Pakistan *FAST - National University of Computer and Emerging Sciences* ✕
09/2015 – 09/2017 **Fellow of Sciences - Pre Engineering,** *Punjab College Lahore* ✕
Pakistan

Professional Experience

12/2021 – present **Full Stack Engineer,** *Arbisoft* ✕
• Developed key modules for Fintech products.
• Integrated 3rd party FlinksAPI into the system
• CronJobs for automating the tasks.
• Scripts for managing system events.
• Worked in Agile Development Environment.
• CI/CD pipeline for deployment.
• Technologies Used: **Django, Python, ReactJs, PHP, DRF, Jinja, Postgres**

08/2021 – 12/2021 **Data Engineer,** *Arbisoft* ✕
• Responsible for creating, designing, building and maintaining data pipelines to collect raw data from various sources.
• Performance Optimization
• Technologies Used: **Scrapy, Python**

08/2020 – 08/2021 **Software Engineer,** *Faran Industrials*
• Developed an Inventory Management system to track inventory.
• Integrated Twilio into the system for communication.
• Agile Development Environment.
• CronJobs for managing the inventory.
• Technologies Used: **Python, Django, ReactJs, AWS**

08/2019 – 08/2020 **Software Engineer,** *Upwork* ✕
• Provide service related to web development.
• Daily client meetings for requirements and progress.
• Technologies Used: **Python, Java, ReactJs, Django, DRF, Postgres, SQL**

Projects

NexCubator - Final Year Project

- Platform where startups can fast track their ventures.
- Provides management, mentoring, access to market resources, networking opportunities, and business skills training.
- ML/AI analysis will help customize needs by predictive analysis an investor is looking for to judge a startup.
- Two Interfaces : One for Startups and Other for Investors. Both will be developed using Angular & ASP.NET.

Digit Recognition - Python

- Implemented Digit Recognition System with Machine Learning Algorithms using Kaggle Dataset .

Data Center - Using Visio

- Design a Data Center for 15,000 hosts in Computer Networks.

Ecommerce Store - Django, DRF, React

- Developed a ecommerce website using DRF, Django and React.

Inventory Management System - ASP.NET

- Developed IMS for Motorway Police NHMP.

Trip App - Java Android Application

- Implemented Trip app to facilitate users about different places.

Skills

Django | DRF | Scrapy | Git | Nodejs | ReactJs | ExpressJs | Docker | Kubernetes | Kotlin
PyTest | Angular

Certificates

- JavaScript Algorithms and Data Structures [↗](#)
- ICSI | CNSS Certified Network Security Specialist [↗](#)
- Cybersecurity and Its Ten Domains [↗](#)

Awards

Arbisoft Product Hackathon Winner, *Arbisoft*

Proposed idea to capture the specific marketplace for buying/selling. Got funding of thousands of dollars for MVP - **Quotely** [↗](#)