

Muhammad Faisal

Software Engineer

Software Architect/ Full Stack Developer/ Hacker/ Blogger/ Entrepreneur/ Researcher



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SKILLS

Backend Programming

Machine learning

Computer Vision

Mobile & Web
Development

Database Design

Software Architecture

PROFICIENCY

Python



Java



C/C++



NodeJs



Android



Django



REST API



WORK EXPERIENCE

Machine Learning/Lead Software Engineer

Pakistan Navy (Video Analytics Lab)

08/2016 – Present

Founder/Chief Software Architect

Alectorlab.com

05/2015 – Present

Software Developer

Neusol LLC

05/2015 – 09/2015

PROJECTS

Face Detection and Recognition System (08/2016 – 01/2019)

- Real-time Face Recognition under unconstrained conditions (Django, DRF, Python, C/C++, Tensorflow, Keras, Numpy, Opencv, Multiprocessing, Multi-threading, CUDA)

Automatic number plate recognition system (08/2016 – 08/2018)

- State-of-the-art real-time Number Plate Recognition of the Standard Number Plates of Multiple Cities of Pakistan (Django, Python, C/C++, Tensorflow, Keras, Numpy, Opencv, Tesseract, Multi-threading, CUDA)

Abandoned object detection system (05/2017 – 07/2018)

- Real-time Detection and logging of Suspicious objects of multiple categories (Django, Python, Tensorflow, Keras, Opencv)

Instant answers research engine (08/2015 – 05/2016)

- Research Engine for Students based on the concept of 5Ws and H (ASP.NET, REST API, C#, Ontologies, NLP)

Audyapp.com (08/2018 – 12/2018)

- Audio version of Youtube (Android, UI/UX Design, REST API, Java, MySQL)

Face training app (12/2018 – Present)

- App for training facial recognition data (Android, REST API, Django, DRF, Python, Java, MySQL)

Survey Generator (05/2015 – 09/2015)

- Multilingual Survey Generator generator which supports languages like English, Urdu and Arabic (ASP.NET, Ajax, C#, MS SQL Server)

EDUCATION

Bachelor of Software Engineering

Bahria University

09/2012 – 05/2016

3.91/4.0