Ammad Umar

SOFTWARE ENGINEER

CONTACT

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PROFESSIONAL PROFILE

I'm a dedicated, and target-oriented individual with overall 2+ years of professional experience as a developer. I believe I am capable of quickly becoming an asset due to my urge to continually learn and acquire new skills. I'm looking for a contributor role where I can be part of a collaborative team, learn new tools and technology, and gain experience as a software engineer.

SKILL SET

LANGUAGES
- Python
- Dart
- Java
- C++
- HTML
- CSS (SASS, LESS)
- JavaScript (ES6)
- Kotlin
- Assembly x86

TOOLS & TECHNOLOGIES
- jQuery
- React JS (incl Hooks, Redux, Router)
- Bootstrap 4
- SQL DB (MySQL, Oracle, SQLite)
- NoSQL DB (Firebase)
- Message Queues (RabbitMQ)
- Cloud Solutions (GCP)
- API Development (Flask REST)
- Reactive Web Application Development
- Flutter App Development
- WordPress Development
- Containerization (Docker)

INDUSTRY KNOWLEDGE
- Netlify
- Agile Methodologies
- Version Control with Git
- Object-Oriented Programming
- Data Mining and Machine Learning

OTHER
- Detail Oriented
- Self-Starter
- Willingness to learn
- Eagerness to collaborate

CERTIFICATIONS

- Machine Learning by Stanford University
- Crash Course on Python by Google Cloud
- Version Control with Git by Atlassian
- SQL for Data Science by UC
- Python (Basic) | HackerRank
- Problem Solving (Basic) | HackerRank

WORK HISTORY

Software Engineer Intern

2vec Consulting | Jul 2020 - Sep 2020

- Semantic search with approximate nearest neighbors and text embeddings
- Development of InVigil Chrome extension using web RTC
  (ML, Python, NLP, thereTensorflow, Flask)

Research and Development Intern

Information System Research Lab | *Feb 2020 - Nov 2020*

- R&D of an optimized delivery scheduling and routing system w.r.t domain constraints
- Deployment of REST API on Google Cloud Platform
  (ML, NN, Python, Scikit-Learn, Flask, SQLite, and RabbitMQ)

Project Intern

Telenor Microfinance Bank Limited | Jun 2019 - Dec 2019

- Development of 'Easypaisa' brand web application
- Load time optimization, Google analytics, and Google maps integration
- API development (Cashpoint Locator)
  (HTML, CSS, Bootstrap, JavaScript, jQuery, WordPress, PHP, and MySQL)

PROJECTS

Ugao.pk Android/IOS Application
Ecommerce mobile application for agriculture industry (Flutter, Dart, Firebase)

SentiMix Hindi-English
Artificial Intelligence Course 2020
Predict the sentiment of a given code-mixed tweet. (Python)

Metro Cash and Carry Data Warehouse
Data Warehouse Course 2020
Implementing MetroCC DWH using hybrid join and run OLAP queries (Java)

Flight Data Prediction and Analysis System
Data Mining Course 2020
Analyze, visualize flight dataset and predict delays. (Python)

Research Collaboration Graph and Maximum Spanning Tree
Algorithm Analysis and Design Course 2020
An optimized approach for creating a maximum spanning tree. (Python)

Udhaar Android/IOS Application
Human Computer Interaction Course 2020
Money lending manager app (Flutter, Dart, Firebase)

E.R.I.M.S Android/IOS Application
Software Engineering Course 2020
Event registration and information management system built for NUCS. (Flutter, Firebase)

Soduko Game
Operating Systems Course 2019
Soduko puzzle solver implementing core OS concepts e.g. multithreading. (C++)

EDUCATION BACKGROUND

Bachelor of Computer Science | Class of 2021
FAST - National University of Computer and Emerging Sciences