Muhammad Adnan Muhib

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Summary

I'm an open-minded and hardworking Full-Stack Developer with 3+ years of experience in Python, ReactJs, and AWS Cloud. Possess excellent problem-solving, communication, and management skills. A self-motivated individual and a team player.

Experience

Full Stack Engineer
ROUND2

Jun 2020 - Jan 2021 (8 months)

1- Developing the front-end of the product using React/Redux (Hooks) and libraries such as Redux-Thunk, Axios, and React-Bootstrap.

2- Automated the Aggregation of data of sporting goods products from multiple data sources into a single database using Python, AWS S3, AWS Cloud Watch Events, AWS Lambda, and PostgreSQL.

3- Developed the backend of the product using AWS Serverless Application Model and Deployed APIs to API Gateway.

4- Automated the deployment of frontend, backend using AWS cloud formation, AWS S3, AWS Cloudfront, AWS Route 53, AWS Lambda, CloudWatch Logs, and CloudWatch Events.

5- Reduced Data Ingestion time from hours to a few minutes saving 95% cost of Servers.

6- Optimized the performance of the Database with proper indexes and APIs with Caching.

Software Engineer
NorthBay Solutions

Jun 2019 - Sep 2020 (1 year 4 months)

1- Implemented Data Lakes using Python and AWS i.e. S3, Lambda, Glue, RDS

2- Worked on AWS Serverless Framework in Python to build and deploy scalable and cost-efficient solutions

3- Developed the front-end of the different projects using React/Redux (Hooks) and libraries such as Redux-Thunk, Axios, and React-Bootstrap, Material UI, Ant Design

4- Worked with Django+Django REST to develop REST APIs

5- Completed 3+ AWS Accreditations (AWS Technical Professional, AWS TCO & Cloud Economics, AWS Cloud Practitioner, The Elements of Data Science)

Software Engineer
SeleniumRay

Jun 2018 - Feb 2019 (9 months)

1- Creating well-designed, tested code using best practices for website development, using HTML, CSS, C#, PHP on top of WordPress, Shopify, Magento, BigCommerce, and Laravel.

2- Doing on-site optimization of the websites

3- Performing regular meetings with business stakeholders and management to understand and refine business and functional requirements and determine project scope and specifications
4- Development and maintenance of strategic operational systems, tools, and processes
5- Training and leading 3-5 interns

Artificial Intelligence and Research Lab, Research Assistant

Al-Khawarizmi Institute of Computer Science (KICS), UET Lahore
Dec 2016 - Jun 2018 (1 year 7 months)
1- Research and evaluation of existing solutions to the research problem
2- Implementation of research methodology using Python
3- Preprocessing Datasets
4- Extraction of features from datasets in different formats
5- Training the Machine Learning Models and Visualization of results in different formats6- Post Processing of predictions
7- Automation of preprocessing and features extraction
8- Performed OCR of the scanned images using Tesseract OCR and presented the text in different formats
9- Research work published in International Conference (ICDAR 2017)
10- Co-Author of the research paper
11- Provided Training to 3+ Interns
12- Performed custom object detection using Faster RCNN, SVM, and YOLO V3.

Further details of the Project can be found from the link below: http://www.kics.edu.pk/project/index/187
Research Publication Link: http://ieeexplore.ieee.org/abstract/document/8270063

Junior Web Developer

Swift Vertical
Jul 2017 - Jan 2018 (7 months)
1- Creating well-designed, tested code using best practices for website development, using HTML, CSS, PHP on top of WordPress CMS
2- Developed e-commerce websites using WordPress and WooCommerce
3- Developed eye-catching lead capture forms using Gravity Forms, Gravity Flow, Formidable Forms, and Contact Form 7 Plugins.
4- Performed Mailchimp integration in the websites
5- Automating complex tasks using Zapier and IFTTT to Integrate 3rd Party Websites with WordPress based websites.

Game Development Internship

UET Game Studio
Jul 2016 - Aug 2016 (2 months)
Internship of 2D Game Development at UET Game STUDIO (UGS) Al-Khwarizmi Institute of Computer Science UET, Lahore.
Achievements:
• Improvement in logic building by working on real problems
• Learned RedBooth Project Management Tool
• Learned Lua Language
• Learned Basics of 2D Game development

• Learned Basics of Corona SDK (Framework for 2D Games)

Education

University of Engineering and Technology, Lahore
Bachelor's degree, Computer Science
2015 - 2019
Achievements and Participations:
- Winner of different Hackathons
- Winner of different Coding Competitions
- Google Student Ambassador for Google Publishing Pakistan
- Organizer of Coding Competitions
- Development Head at Microsoft Student Partner UET Chapter
- President at Software Square UET Lahore
- Writer at UET Literary Society
- Member at IEEE Computer Society

Garrison College Multan
ICS, Computer Programming, Specific Applications
2013 - 2015
Maths, Physics, Computer Science

Achievements and Participations:
- Bronze Medalist in Multan Board General Science Group 2015
- Participation in Sports Events
- Participation in National Songs Singing Competition

Govt High School Punjani
Matric, Science
2002 - 2013
Maths, Physics, Chemistry, Electrical Wiring

Achievements and Participations:

- Class Representative
- Winner of Speech Competitions
- Winner in Essay Writing Competition
- Winner of National Songs Singing Competition
- Naat
- Sports

Licenses & Certifications

Complete Intro to React, v5 - Frontend Masters

Javascript: The Hard Parts V2 - Frontend Masters

Python 3 Tutorial Course - SoloLearn
#1073-14044979

Microsoft Office Specialist Excel 2013 - Microsoft

Microsoft Office Specialist PowerPoint 2013 - Microsoft

Microsoft Office Specialist Word 2013 - Microsoft

jQuery Tutorial course - SoloLearn
#1082-14044979

Introduction to Python for Data Science - DataCamp
#9465702

AWS Technical Professional (Digital) - Amazon Web Services (AWS)
mLZ-4WAr2UCeA34GP-TxXA2

AWS TCO and Cloud Economics (Digital) - Amazon Web Services (AWS)
ar7zMqsJ_0W0MIHvqRYpfA2

AWS Cloud Practitioner Essentials - Amazon Web Services (AWS)
RUS2Bx0k8UeQAfJNrtWZuA2

The Elements of Data Science - Amazon Web Services (AWS)
ybSl6wvTzUO2OspFB5KAuw2

Hadoop 101 - Cognitive Class
26dd5ee9c9a04c589d23c567b03b3bc0

Hadoop Foundations - Level 1 - IBM
fbae516e-b0d9-4547-95f4-4b1e255d408a

Skills

Amazon Web Services (AWS) • Machine Learning • Web Development • Software Development • Research • Artificial Intelligence • Computer Science • Project Management • Object-Oriented Programming (OOP)

Honors & Awards

Bronze Medal Multan Board General Science Group - BISE MULTAN