

# Muhammad Adnan Muhib

SR. SOFTWARE ENGINEER

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## Experience Summary

- Bachelor's degree in Computer Science with 3+ years of experience in software development, expertise in analysis, design and development of software applications and general problem solving.
- Track record of professional and hardworking attitude towards job. Focused on delivery.
- Quick learner who adapts to extraneous assignments and exploring new dimensions while solving development problems.
- An experienced team player and Leader with excellent communication skills and has ability to work independently
- Ability to learn quickly and adapt to new technical environments.
- Sound experience of web development for enterprise level solutions using Django, Asp.net MVC, Laravel MVC and web services.
- Technical expertise in Databases PostgreSQL and MYSQL. Proficiency in developing database applications with different technologies.
- Hands on Experience in front end web technologies using HTML, CSS, Bootstrap, React JS, React Bootstrap, Material UI and Ant Design
- Hands on Experience in Amazon Web Services EC2, S3, Lambda, SAM, CloudFront, Glue, RDS, Athena, API Gateway, Cognito, Python Boto3 API, WorkDocs, CodeCommit
- Hands on Experience in creation of Data Lakes using AWS Cloud Services
- Hands on Experience in Machine Learning, Computer Vision and Deep Learning
- Experience of using Different Project Management Professional Tools like Git, Trello, Asana, Slack, Jira, Teams
- Experience of working with Micro-services and Monolithic Architecture
- Experience of working in Agile Development and Scrum Model.

## Technical Skills

Languages/ Frameworks: Python, C++, C#, HTML, CSS, JavaScript, Bootstrap, OpenCV, XML, JSON, AJAX, Django, Django Rest, React JS, React Bootstrap, Material UI, Asp.net MVC, Laravel, Visual Studio, MYSQL, PostgreSQL, MS SQL, SQL Server, Database Analysis & Design, Tesseract OCR, Windows Forms, WEKA, Deep Learning Studio, Agile, Scrum

## Worked for Companies

[Round2 The Athletes Marketplace](#). (Remote)

July 2020 - Present

[NorthBay Solutions](#)

June 2019 – Sep 2020

[Seleniumray](#)

June 2018 – Feb 2019

[Artificial Intelligence and Research Lab, KICS](#)

Dec 2016 – June 2018

[Swift Vertical](#)

Jul 2017 – Jan 2018

## Professional Experience

Few of the most recent projects experiences are mentioned below:

Role	Full Stack Engineer
Technologies	Python, ReactJs, HTML, CSS, JavaScript, Boto3, AWS Cloud (SAM, RDS, Lambda, API Gateway, Cloud Formation), PostgreSQL
	<ul style="list-style-type: none"><li>• Gathered and analyzed requirements</li><li>• Planning of system architecture from scratch</li><li>• Implementation and deployment of whole product (Backend, Frontend)</li><li>• Used AWS Cloud Serverless for efficient and cost effective solution</li><li>• Implemented automated data ingestion solution in a Serverless fashion on AWS</li></ul>

<b>Role</b>	<b><i>Software Engineer</i></b>
<b>Technologies</b>	Python, Troposphere, Boto3, AWS Cloud (Glue, Cognito, Lambda, API Gateway, Cloud Formation), Django RestApi
	<ul style="list-style-type: none"> <li>• Gathered and analyzed requirements</li> <li>• Planning of system architecture</li> <li>• Design &amp; developed different system modules in Python.</li> <li>• Hands on experience in Data Lake ingestions</li> <li>• Hands on experience in implementing Authentication using Cognito, boto3 and Django Rest Framework</li> </ul>
<b>Role</b>	<b><i>Software Engineer</i></b>
<b>Technologies</b>	NodeJs, ReactJs, Redux, HTML, CSS, JS, Docker, AWS Cloud
	<ul style="list-style-type: none"> <li>• Gathered and analyzed requirements</li> <li>• Planning of system architecture for new Microservices</li> <li>• Designed &amp; developed new features in an existing product.</li> </ul>
<b>Role</b>	<b><i>Software Engineer</i></b>
<b>Technologies</b>	Python, AWS Cloud, HTML, CSS, JavaScript, React JS, Material UI
	<ul style="list-style-type: none"> <li>• Gathered and analyzed requirements</li> <li>• Design &amp; developed different system modules in Python and AWS Lambda.</li> <li>• AWS Lambda function integration with AWS API gateway</li> <li>• Developed admin portal using the API in React JS and Material UI</li> </ul>
<b>Role</b>	<b><i>Software Engineer</i></b>
<b>Technologies</b>	Python, AWS Cloud(Glue, S3, RDS)
	<ul style="list-style-type: none"> <li>• Developed data lake using Python and Amazon Web Services</li> <li>• Ingested Data from different formats into current DB model.</li> <li>• Conversion of data from and to different formats</li> <li>• Curating multiple data sources to one data source as per client requirements</li> </ul>
<b>Role</b>	<b><i>Software Engineer</i></b>
<b>Technologies</b>	Asp.net MVC, MS SQL Server, Laravel, WordPress, Shopify, MySQL, HTML, CSS, Bootstrap React
	<ul style="list-style-type: none"> <li>• Developed and customized different web applications</li> <li>• Gathered and analyzed requirements designed database of all the modules</li> <li>• Implemented the data access layer, business Logic and UI modules</li> </ul>
<b>Role</b>	<b><i>AI Research Assistant</i></b>
<b>Technologies</b>	Tesseract OCR, WEKA, Python, Machine Learning, Computer Vision/Image Processing
	<ul style="list-style-type: none"> <li>• Worked as research assistant on machine learning research projects</li> <li>• Developed ML based application and published research paper</li> </ul>

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## Academics

**Bachelor (4 years) in Computer Science:** [University of Engineering and Technology, Lahore.](#)