

# Muhammad Asim

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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## FULL STACK DEVELOPER

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Energetic and innovative software engineer with **3.5 years** of experience in developing robust code for high-volume businesses. An enthusiastic team player and deep creative thinker. Expert in advanced software development methodologies, and tools, leading teams, designing and rollout of cutting-edge software solutions.

## TECHNICAL SKILLS

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<b>Languages</b>	: JavaScript, TypeScript, Express, Ruby, Java, C++, XML, YAML
<b>Frameworks</b>	: React js, Nodejs, Next js, React Native, GraphQL, Futtter, Angular, Vue, Spring boot, Rails, Web3
<b>Databases</b>	: MySQL, SQLite, AWS, Mongo db, Firebase, Postgress, Realm db, Reddis, Neo4J
<b>Cloud Tools</b>	: AppCenter, Jira, GitHub, Gerrit, Heroku, Code Commit, Gitlab
<b>DevOps</b>	: AWS, ECS, ECR, Fargate, EC2, EBS, Cloudwatch, Dockers, Kubernetes, Terraform
<b>Microservices</b>	: Apache Kafka, Kafka Streams, Kafka Connectors, RabbitMQ, AMQ, Pub/Sub
<b>Dev Tools</b>	: VS-Code, IntelliJ, Eclipse, Sublime, Android Studio, Xcode, Insomnia, Postman

## EXPERIENCE

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### Software Engineer

#### *CodingCops:*

- Successfully executed the **architecture**, **development**, and **deployment** of B2B solutions for Hospitality Industry.
- Demonstrated proficiency in planning and executing to microservice architect, resulting in a noteworthy **35% performance improvement**.
- Actively engaged in all facets of agile methodology, encompassing requirements analysis and continual support for the organization's products and services.
- Contributed to the preparation of documents outlining **test-driven development** best practices, technical documentation, user manuals, and GAP analysis.
- I automated the **CI/CD pipeline** for prime product and added automated tests using Junit that brought down the time to release any feature into production to negligible
- I identify areas for improvement in the development process and suggest appropriate solutions.
- Participated in code reviews, automated testing, and quality assurance to ensure the highest of software.
- Promote the use of git sub-modules for code reusability across the products line.

### Software Engineer

#### *Maqware Solutions:*

- I create and build **B2B** and **B2C portal** of factory products that are utilized globally by both businesses and individuals.
- Revitalize portal matching workflows to minimize turnaround time and maximize sales.
- One of the clients from the retailer's industry get a sharp increase in sales of up to **20%**.
- Support L1 teams by attending triage meetings and providing technical assistance.
- **Troubleshoot** and **fixed issues** in the Gitlab pipelines to ensure **smooth delivery** release builds.

### Software Engineer

#### *TectSoft:*

- Worked on various mobile apps for the Namibia government clients encompassing design, architecture, and publication.
- Research and development on Optical character recognition using React Native, Tesseract to improve the accuracy.

- Build from scratch and equipped with an advanced and user-friendly interface. It enables efficient management of police verification of citizen through police stations.
- Redesigned newsfeed experience by designing and implementing a new mobile app.
- It solves document verification, scanning, attesting, police verifications, gesture security like features.
- Configure TFS on-premises in accordance with local legal regulations to ensure that the code is kept on-premises.

## EDUCATION

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**Lahore Garrison University**  
*Bachelor of Science in Software Engineering*

Lahore, Pakistan

## RELEVANT PROJECTS

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<b><u>Itqan</u></b>	<i>React Native, React js, Node js, GitLab, AWS</i>	<b><u>TectSoft</u></b>
<ul style="list-style-type: none"> <li>• Developed a user-friendly mobile and web application that allows for easy and efficient solutions for daily household tasks like plumbing, electrician, etc.</li> <li>• Provided comprehensive support for commissioning and initial MBE installations through the app, resulting in faster and more accurate installations.</li> <li>• Successfully integrated Admin panel to monitor customer and partner.</li> </ul>		
<b><u>Smeisty</u></b>	<i>React js, Node js, Blockchain, Ethereum, MetaMask, OpenSea</i>	<b><u>TectSoft</u></b>
<ul style="list-style-type: none"> <li>• Designed and developed to manage NFTS of contract addresses and wallet transactions.</li> <li>• Optimized application for <b>speed and user experience</b>, and utilized <b>responsive design</b> to ensure compatibility across all devices</li> </ul>		
<b><u>IVY</u></b>	<i>Ruby on Rails, React js, Hanami, Heroku, Datadog, Redis</i>	<b><u>CodingCops</u></b>
<ul style="list-style-type: none"> <li>• It helps in efficiently look after hospitality industry including bookings of guests, perform actions of guest's created task, providing SMS facility and other hotel management features.</li> <li>• Implemented an effective personal activity management system, allowing for easy tracking of guest's tasks, bookings and deadlines, resulting in improved time management and task completion.</li> </ul>		
<b><u>Spiderman Web:</u></b>	<i>Java, Junit, Kafka, AWS, Chaos Search, Sonarqube</i>	<b><u>CodingCops</u></b>
<ul style="list-style-type: none"> <li>• Implemented multiple microservices connected with each other and listening/publishing data on specific topics.</li> <li>• Microservices include email verification, geolocation tracker, currency exchanger, refinery.</li> </ul>		
<b><u>ShiftERP:</u></b>	<i>React js, PHP, FileZilla, Node, Jest</i>	<b><u>Maqware Solutions</u></b>
<ul style="list-style-type: none"> <li>• Implemented ERP system for factory products like parts, assemblies etc.</li> <li>• Monitor admin, partner and customer panels.</li> </ul>		
<b><u>MindMiner:</u></b>	<i>React js, Nodejs, AWS ECR, ECS, Fargate, Blockchain</i>	<b><u>CodinCops</u></b>
<ul style="list-style-type: none"> <li>• Using 'Open AI' for the creating solutions of a problem and mint as NFT.</li> <li>• Pricing NFT and sell your inventions.</li> </ul>		