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# QASIM HAFEEZ

FULL STACK DEVELOPER | MERN STACK  
| BLOCKCHAIN



## EMPLOYMENT

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<b>Full Stack Software Developer</b>	<b>Zain Telecom, Dubai</b>	<b>Feb 2020 - Present</b>
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- Developing recharged based application portal by using major distributor APIs.
- Working on Local and International recharge suppliers and creating RESTFUL APIs and micro-services.
- Built a payment gateway for sending recharge from card to different users.
- Developed and maintained their existing portal and added different features to it and made it 30% faster and efficient.
- Develop web apps using CI/CD tools like: GitHub, docker and kubernetes
- Code optimization and load balancing using docker, kubernetes, NGINX.
- Contribute to robust and scalable software architecture
- Document all related work per company's methodology

<b>Software Engineer</b>	<b>Pakistan</b>	<b>May 2018 – Oct 2019</b>
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- Built a complete e-commerce store b2b including all the major features like: product recommendation, payment gateways, products, orders and delivery modules.
- Build restful APIs for garage management system. I worked as a backend engineer there and built modules like: garage booking, invoices and generate reports module.
- Build few projects in web scrapping, data analytics (using numpy, pandas and matplotlib), custom plugin and theme development for wordpress and custom dynamic web applications living on the internet.

## Languages and Technologies

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- Programming Languages – JavaScript, Typescript, Python (Intermediate), Php, solidity, SQL, HTML5/ CSS3
  - Blockchain – Ethereum, dapp, smart contract, cryptocurrency
  - Operating System - Linux, Windows
  - Database - MySQL, MongoDB, PostgreSQL
  - Frameworks & Libraries – Node.js, React, Redux, Express, Ajax, JQuery, material-design, bootstrap4, Selenium, Jest, Mocha, Axios, react-charts
  - Tools – Postman, Git, Git bash, Redux Dev toolkit
  - CI / CD - GitHub Actions, Docker, Kubernetes, Scaffold, Heroku
  - Others – Redis, NGINX, ingress-nginx, RESTful APIs, GraphQL (basic), JSON, XML, AWS(basic), GCP(basic)

## EDUCATION

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<b>BS Software Engineering</b>	<b>University of Gujrat, Pakistan</b>	<b>Aug 2014 – Aug 2018</b>
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- BS in Software Engineering. CGPA: 3.26/4
- Main coursework: Object Oriented Programming, Data Structures, Discrete Structures, Software and Compiler Construction, Artificial Intelligence, Database Systems, Operating Systems, Cloud Computing.

## MAJOR PROJECTS

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- Developed Lambda Architecture to analyze live and batch data. Used Hadoop, MapReduce, Spark, Flink, Kafka, HBase and Cassandra. Displayed all the changes in data using graphs and plots in zeppelin notebook.
  - Developed C++ compiler, library and hostel management system for desktops, Solved chess problem using AI.

## COMPETITIONS

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- Participated in web hackathon organized by GitHub in 2018 and made face recognition app by using JAM Stack.