




# MD. AAQIB JAVED Z

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## OBJECTIVE

Looking for an entry level position in the software development industry where my creative thinking and skills in application development can be utilized for the betterment of the company and to grow myself.

I have an extreme passion for innovation and resolving the nuances of software development via machine learning and applied AI.



## EDUCATION

**Information Science and Engineering | BMS Institute of Technology**

2016 - 2020

Secured 7 CGPA.



## Work Experience

- **Web Developer**

Expanrr | Intern

As the only developer in the team my responsibilities were to:-

1. Built the website Expanrr.com from the ground up using AWS EC2 instance as the host server after a successful migration from another host.
2. Set up the HTTPS load balancer and CMS.
3. UI/UX design using WordPress themes as a base and custom coding certain design elements as per clients' request using CSS and bootstrap.
4. Programming using PHP and JS to add/modify functions and behaviours of certain plugins.
5. To set up user account management system.
6. Set up automated mailing system using mail chimp API.
7. To stress test the server with synthetic workloads.



## Projects

### Stock market charting

Full stack | Angular | Spring MVC | MySQL | Eureka microservice

The core objective of this project was to develop a full stack application that allow users to register and upload their stock market price data via xls files and have the application plot and predict the graph.

The front end of the application was developed with angular and spring for the backend.

Finally, the monolithic architecture was broken down with strategically deployed microservices using Netflix Eureka.

## **Gesture recognition system for decentralized learning**

Full stack | Machine learning | ML5.js | UI/UX design | System architecture design

The core objective of this project was to develop a full stack application that would bridge the gap between normal language and sign language and to enable communication for all. The application would allow an educator in real time train a ML model and distribute it via json file. The beneficiaries would be able to upload the same model and practice their gestures and the model would evaluate them and show their accuracy.

The front end of the application was developed with bootstrap and HTML5.

Extensive research was done to realize this project and to finalize the system architecture and was developed completely in ML.js.

## **SKILLS**

- Full stack Development (Angular, Spring, Apache, MySQL/Teradata).
- Machine learning and Data Science (Python, ML5.js, heroku)

## **Certifications**

- Google cloud platfrom: core infrastructure, issued by Coursera on sept 2019.
- Machine learning, issued by Applied AI (pursuing).