



# Afaq Javed

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

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## FULL STACK DEVELOPER

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I am a Passionate **Full Stack Developer** with an insatiable curiosity for pushing the boundaries of technology. Having an extensive background in **Java** and a deep understanding of the **Spring framework**. I also bring a wealth of expertise to the echo system of **NodeJS** which includes my expertise over **NestJS** and **ExpressJS**. My journey is not just about writing code; it's about architecting solutions and **Open Source Contribution**.

## TECHNICAL SKILLS

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<b>Languages</b>	: Java, JavaScript, TypeScript, HTML, CSS
<b>Frameworks</b>	: NestJS, ExpressJS, Spring Boot, React, Angular, Node.js, TailwindCSS
<b>Databases</b>	: MongoDB, PostgreSQL
<b>Cloud</b>	: AWS EC2, Jenkins, Nginx, Docker, CerBot SSL
<b>Dev Tools</b>	: WebStorm , IntelliJ Idea, Visual Studio Code, Data Grip, Balsamiq, Git, Eraser.io ,etc

## EXPERIENCE

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### Full Stack Developer

*Binary Bitz*

Dec 2021 – Aug 2023

*Remote – Penza, Russia*

- Lead a team collaborating over web applications built using MERN stack
- Coded dynamic and responsive website using **NestJs** and **React**
- Used **Trello** as **Kanban** for Project management
- Worked with **Balsamiq** for creating UI mocks and user stories
- Deployed applications on **AWS**

### Software Engineer

*Conure IT Services*

Aug 2019 – Nov 2021

*Karachi, Pakistan*

- Used **Spring Boot** to develop scalable backends for **Internet of Things**
- Coded complex admin dashboard with **Angular** and **HighCharts**
- Implemented **Spring WebSockets** for real time notifications from **IOT Devices**
- Configured IOT devices communicating over **LORA** and **LORAWAN** network servers

## EDUCATION

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### FAST NUCES

*Bachelor of Science in Computer Science*

Karachi, Pakistan

*Jul 2015 – Aug 2019*

## PROJECTS

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### ParkSmart

*Angular, Spring Boot, Spring WebSockets, MongoDB, Postgres Git*

[Project Site](#)

- Configured Data flow between **Spring Boot** App and **LORAWAN** Gateway
- Programmed front end Dashboard using **High charts**
- Utilized **Google Maps API** and **Spring WebSockets** for real time updates
- Deployed application using **Jenkins** and **Docker**

### BinWise

*Angular, Spring Boot, Spring WebSockets, MongoDB, Postgres Git*

[Project Site](#)

- Utilized **Spring Boot** which stored real time data from IOT devices into **MongoDB**
- Implemented **Swagger** for documenting our backend **Rest API**
- Designed and Implemented the relational database design for **Postgres**

### School ERP

*React, Express, TypeORM, JS Reports, Charts JS, Postgres Git*

[LIVE](#)

- Developed a full stack app using **MERN** stack
- Implemented real time PDF reports using **JS Reports**
- Designed and Implemented the relational database design for **Postgres**
- Deployed the project using **Docker** over **AWS EC2** with **Nginx** reverse proxy

### Block Based Learning Portal

*NestJs, React, TypeORM, Postgres Git*

[Source Code](#)

- Developed a full stack app using **NestJs** and **React**
- Integrated **Googles Blockly Library** for block based education
- Designed and Implemented the relational database design for **Postgres**

### Fun Todo App

*NestJs, React, TypeORM, Postgres Git*

[Live](#)

- Developed a full stack app using **NestJs** and **React** for fun
- Implemented **MonoRepo** approach for better code management

## HOBBIES

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- Technical Reading
- Playing Squash
- Public Speaking
- Making Technical Videos on Youtube

## FUTURE TARGETS

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- Micro Services
- Message Brokers
- Terraform
- Ansible

## LANGUAGES

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- English (Fluent)
- Hindi Urdu (Native)