

Syed Aoun Mustafa

Software Engineer

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Education

Bachelor of Science, Computer Science.

Feb 2019- Jan 2023

Comsats University – Islamabad, Pakistan.

Relevant Coursework: Data Structures & Algorithms, Java OOP, Web Applications, Database systems, Artificial Intelligence, Machine Learning.

Work Experience

Software Engineer – Jin Technologies Private Ltd

Feb 2023- Current

(Hybrid)

- Developed & designed the cloud-based version of an equestrian sport & event management system, SGL which was originally a desktop application.
- Implemented responsive web interfaces using HTML5, CSS3 and JavaScript frameworks such as React.
- Developed RESTful APIs using Nest.js to expose the system's functionality, enabling interaction with frontend components.
- Implemented cron jobs to automate routine tasks and processes within the equestrian management system, ensuring timely execution of operations.
- Designed & implemented automation flows within Node- RED to streamline various aspects of equestrian management.
- Developed & Integrated APIs into Node-RED flows to ensure seamless data communication and synchronization for the system.
- Implemented New Relic integration for comprehensive monitoring of applications and systems, ensuring optimal performance and timely issue resolution.

Freelance Software Engineer – Self employed

Jun 2022- Feb 2023

- Designed & Developed various projects for clients primarily using ReactJS, ExpressJS frameworks.
- Mostly worked on web technologies.

Skills

- **Programming:** JavaScript, TypeScript, Java
- **Web & Database:** HTML, CSS, MongoDB, MySQL
- **Frameworks/Libraries:** ReactJs, NodeJs, ExpressJs, NestJs, Node-RED, React Native, Bootstrap
- **Tools:** Git, GitHub, Postman, Visual Studio, VSCode, IntelliJ, Eclipse, MS Office

Projects

Sneakers (Final year project)

- Worked on creating an e-commerce platform that would improve the shopping experience of online sneaker buyers and sellers.
- Implemented virtual try on, user profiling, product buying and selling, review and ratings, Stripe payment system and analytics functionality.
- Developed the mobile application for the e-commerce platform using React Native framework.
- Developed API's to interact with front-end components using ExpressJS framework.
- Designed and developed the Admin Dashboard (Seller's portal) implementing CRUD operations on products, seller's profile.
- Deployed ML models for the recommendation system & sentiment analysis.
- Designed the database schemas.
- Tech Stack: MERN, React Native & Flask.

Computer Accessories Store app - [GitHub](#)

- Implemented CRUD operations on products, searching with filters, categorization of products on home screen.
- Designed the overall user end app concept/layout, implemented home, profile, & product pages (**React Native**).

Covid Stats Tracking app (React Native) - [GitHub](#)

- Developed an application to track covid stats from around the world.
- Implemented analytics, searching and save features.
- Designed the app and implemented the home page, countries page, favourites page (**React Native**).

Achievements & Interests

- **Outstanding Achievement Award:** Straight 7A's in O'Levels.
- **Interests:** football, photography, video making, AI

Languages

- **English** (Full Professional Proficiency)
- **Urdu** (Native)