

ABDUL WAHEED

Full Stack Software Engineer

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Technical Skills

Languages: TypeScript, JavaScript(ES6+), HTML/CSS, SQL, Python

Technologies/Frameworks: React.js, Next.js, Express.js, Angular, Node.js, Redux, RxJS, Tailwind, MVC, RESTful APIs, Agile

Databases: MongoDB, PostgreSQL, MySQL, Drizzle ORM, Prisma, Mongoose

Version Control: Git(GitHub, Bitbucket), CI/CD Pipeline

Familiar With: Microservices, Java, C++, AWS, Docker, Playwright, Linux, GraphQL

Experience

Methvin Estimating Software

Apr 2023 – Present

Software Engineer (Frontend)

New Zealand, Remote

- **Led the migration of a legacy codebase** of cost estimation web application from Sencha Ext.JS to a React Single Page Application (SPA), emphasizing modernization and scalability. Oversaw and implemented React best practices across the development team, focusing on enhancing project efficiency and code maintainability.
- **Optimized front-end performance through code splitting, lazy loading, and caching strategies**, drastically reducing the initial load times and improving perceived performance.
- Contributed significantly to the **architecture and development of collaboration features**, leveraging WebSocket technology to allow multiple users to simultaneously edit shared documents with real-time updates.
- Ensured cross-browser compatibility and maintained application functionality across diverse environments by conducting **thorough testing, addressing browser-specific issues, and implementing fallback solutions where necessary**. This meticulous approach guaranteed a consistent user experience regardless of the user's browser choice.
- **Collaborated closely with UX/UI team and product owner** to iterate on user interface designs, gather feedback, and implement enhancements based on user needs and business requirements. This iterative process resulted in intuitive and user-friendly interfaces, driving higher user engagement and satisfaction.
- **Conducted code reviews** for junior developers and collaborated with team members using Git for version control to manage modifications and assign tasks effectively.

O3 Interfaces Pvt. Ltd

Feb 2022 – Mar 2023

Frontend Engineer

Karachi, Pakistan

- Contributed to developing the frontend of a mobile application for iOS and Android using the Temenos Quantum framework, **serving leading fintech clients in Pakistan** such as UBL Digital, BOK, and KMBL.
- Implemented responsive design principles by **converting Figma designs into complex dashboards for an account management web app**, significantly enhancing the user experience for UBL Digital.
- Collaborated with backend developers to **document and integrate RESTful APIs** into the frontend. Also collaborated with a partner company (Systems Limited) for the same client.

Education

Dawood University of Engineering and Technology (DUET)

Jan 2018 – Feb 2022

Bachelor of Engineering in Electronic Engineering

Karachi, Pakistan

Relevant Coursework: C, C++, Java, DSA, OOP, MATLAB, Calculus, Linear Algebra, CVT, & other Electronics courses.

Projects

Cost Estimation App 📱 | JavaScript, React, Redux, MySQL

Nov 2023

- Developed a web-based cost estimation react single page application specifically designed for heavy construction projects at Methvin Estimating Software.
- Enhanced efficiency and accuracy, catering to the complex needs of large-scale construction projects.
- Streamlined the estimation process with features like automated calculations, worksheet and complex resources creation, customizable templates, and real-time data integration.

Ecommerce Backend 📱 | TypeScript, Express.js, MongoDB, Stripe, Node.js, MVC

Jul 2024

- Developed Node.js backend Ecommerce solution using MERN Stack with TypeScript.
- Implemented features include authentication, authorization, user account management, cart management, product management, order management, and payment gateway integration.

Takeoff Tool App 📱 | JavaScript, React, Redux, MySQL

Feb 2024

- Assisted in implementing features such as digital plan uploads, automated area and length calculations, and customizable measurement tools.
- Worked on integrating real-time data sharing and collaboration capabilities to enhance team efficiency and accuracy.
- Helped optimize the application for ease of use, catering to the complex requirements of large-scale construction projects.

Certification:

300 hour MEAN/MERN Stack Development bootcamp with Contour Software (Pvt.) Ltd 📱

TechLift.pk

Languages

English: Fluent

Urdu: Native

Arabic: Beginner

Hindi: Intermediate