

Amjad Al-Omar

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Frontend Software Engineer responsible for designing and building solutions from the ground up with pragmatic tech choices, stellar performance, and seamless user experience.

EDUCATION

Bachelor of Science in Mathematics-Computer Science - University of California, San Diego

June 2022

TECHNICAL SKILLS/CERTIFICATIONS

- **Languages:** Java, C, C++, Kotlin, React Native, JavaScript, Python
- **Web Technologies:** React, RESTful API, Node.js, HTML, CSS, Bootstrap, Express.js
- **Database/Testing:** Firebase, PostgreSQL, MongoDB, MySQL, Jest, Selenium
- **Technical Skills:** Jira, Confluence, Figma, Git
- **Certifications:** CompTIA A+

In Progress

PROFESSIONAL EXPERIENCE

Lead Frontend Developer - Popper (React Native, React, Firebase)

Dec 2022 - Present

- Lead the frontend development team for a captivating Popper App, skillfully utilizing React Native, Contexts, Node.js, Jest, and Firebase, contributing to a dynamic and user-centered final product.
- Pioneered the design process, crafting crucial design decisions and implementing approximately 90% of the app's screens using Figma UI, ensuring a seamless blend of aesthetics and user-friendly functionality.
- Effectively employed React Contexts to optimize state management, resulting in streamlined data flow and heightened app responsiveness, ultimately elevating overall performance and dependability.
- Organized and managed all Agile development through the use of Jira and Confluence for sprint planning and documentation, speeding up development and onboarding time for new hires by 20%.

Office Assistant - UCSD Office for Students with Disabilities

Sep 2018 - Aug 2023

- Leveraged Python and Selenium WebDriver scripting methods to input and archive 5000+ student files and entries reducing time spent on each task by over 50%.
- Maintained the OSD website using a Cascade Server CMS, guaranteeing uninterrupted functionality and up-to-date information dissemination, enhancing the online presence and accessibility of the office.
- Orchestrated seamless accessibility for UCSD events by adeptly coordinating and scheduling interpreters and captioners, ensuring inclusive content delivery across both on-campus and remote activities.

Frontend Software Engineer - Duoserve Inc.

May 2020 - June 2021

- Implemented a Python backend and connected to MySQL database storing 10000+ appointments 25% faster.
- Built a modular, scalable base framework with Java, Kotlin, and XML that two apps leverage, reducing initial code setup time by 20% and simplifying code base by 10%.
- Independently designed and built over 5 reusable screens along with a testing plan full with a mock database for writing unit tests with Jest speeding up QA pipeline by 35% and enhancing base application with layered error handling functionality.

PROJECTS

Full Stack Developer - CatCafe (React Native, Redux, Firebase)

July 2023 - Present

- Independently conceptualized, designed, and developed a comprehensive Cat Cafe App using React Native, Redux, Node.js, Jest, and Firebase, showcasing strong full-stack development skills.
- Architected and implemented all aspects of the app, from front-end design and user interface development to back-end integration with Firebase for real-time data management.
- Leveraged Redux for state management, ensuring an enhanced user experience and seamless navigation, resulting in smooth and 20% more efficient data flow throughout the app
- Employed Jest for rigorous testing, maintaining code quality and minimizing bugs, while continuously iterating on the application's features based on user feedback and testing results.

Team Lead/Backend Developer - DevilDishes (HTML, CSS, Node.js, Express.js, MongoDB)

Sep 2021 - Dec 2021

- Orchestrated a 10-member development team, overseeing task allocation, quality assurance testing, scheduling team meetings, daily standups, and sprint coordination to ensure project success.
- Spearheaded the development of a RESTful web application allowing users to create and access recipes utilizing Node.js, Express.js, and MongoDB to build a robust server-side infrastructure and database.
- Established MongoDB infrastructure and streamlined Continuous Integration/Continuous Deployment (CI/CD) pipelines using ESLint and Jest for efficient project deployment via MongoDB Atlas and Netlify.