Aimen Altaiyeb 🔗

Full-Stack Software Development Engineer

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Profile Summary

• Full-Stack Software Engineer with a wealth of experience delivering robust solutions including user-centric applications and **API** optimizations within fast-paced environments.

• Extensive technical skill set, with mastery in **React.js**, **Node.js**, and **TypeScript**, incorporating technologies such as automated testing **(Jest**, **Cypress)** and version control.

• Impactful contributions during each phase of the **Software Development Life Cycle**, from requirements analysis through to architecture design, implementation, testing, deployment, and maintenance.

• Engaged collaborator with strong interpersonal skills and well versed in **Agile** methodologies, able to align cross-functional stakeholders with conflicting priorities to drive progress under aggressive time constraints.

Technical Skills

Programming Languages: JavaScript, TypeScript, C#, Java, HTML/CSS, SQL
Frameworks & Libraries: React.js, Node.js, Express.js, Jest, Tailwind, GraphQL
Databases: MySQL, Postgres   **Testing:** Cypress, Jest, xUnit   **Dev Tools:** Git, Webpack, Postman, ESLint
Cloud & DevOps: Jenkins, Github Actions, AWS (EC2)

Education

California State University-Monterey Bay	Monterey Bay, CA
Bachelors in Software Engineering	Aug. 2020 - July 2022
HackReactor	San Francisco, CA
Full Stack Immersive Coding Bootcamp	Jan. 2019 - Apr. 2019
Clovis Community College	Clovis, CA
Associate's in Computer Science	Aug. 2017 - May 2020

Work Experience

GoDaddy	Remote, TX
Software Development Engineer	Jul. 2022 - Present

• Transformed the GTLD page ⧉ by upgrading **React** class components to functional components within a modular components library, enhancing **API** calls for **TLD** availability and status, enhancing assets yielding **$1+** million in annual sales.

• Implemented scalable components based on Figma designs, ensuring precision and responsiveness within a modular React environment. Enhanced **UI/UX** consistency across GoDaddy brands by closely collaborating with design teams and accurately translating their Figma specifications into React components, achieving an interface consistency rate of **95%.**

• Optimized UX on high-traffic sales pages by reducing page load times by **200 ms** through performance enhancements that included asset prefetching on mouse hover events, deploying **React.js**, **HTML**, **CSS**, which incorporated JavaScript techniques like event listeners and asynchronous loading and CSS prefetching techniques, enabling a load time of **200 ms.**

• Implemented modular React components within a **.NET** framework, utilizing **JSPool** for integration. Employed **ES6** and **Node.js** to enhance asynchronous programming, non-blocking I/O operations, **HTML**, and CSS, and utilized Linaria for efficient **CSS**-**in**-**JS** generation with zero-runtime CSS. Consequently, this delivered high-performing, user-centric interfaces.

• Integrated themes and intents into the components library using **React**, enabling cross-functional marketers from various GoDaddy brands, such as 123 Reg, to deploy shared components with brand-specific customizations.

- Developed and cataloged reusable **React** components utilizing **Storybook**, integrating component-driven design, to enhance team collaboration and accelerating development cycles by an estimated **20%.**

- Engineered a site-wide sticky stacking solution with React's **createPortal** and a custom hook, allowing components to have sticky stacking capabilities throughout all GoDaddy web pages built using **Sitecore CMS**, effectively integrating the modular components library into a CMS-driven environment.

- Executed unit testing utilizing **Jest** and **Cypress** frameworks, achieving a solid **95%** code coverage, thereby enhancing the reliability of critical software components through rigorous validation practices.

- Enhanced **CI/CD** pipelines employed Jenkins, integrating continuous integration workflows and **GitHub Actions**, employing automated scheduling and multi-environment deployments, thus decreasing deployment time by **15%** and boosting release reliability by achieving a reliability increase metric of **25%.**

- Facilitated Agile methodologies as a **SCRUM** Master over a 6-month period, effectively orchestrating daily stand-ups, sprint planning, and retrospectives to optimize team workflows and project deliverables.

- Provided guidance and conducted **code reviews** for junior and senior developers while remaining available and accessible.

Revature
Remote, CA

Software Engineer
Sep. 2021 - May 2022

- Played a key role in developing an **Angular** Single-Page Application **(SPA)** for internal e-commerce that includes user sign-up, login, product browsing, and purchasing features.

- Boosted database efficiency by **30%** through the optimization of models with **PostgreSQL**, facilitating more complex joined table queries by adding indexing and query refactoring, increasing query response time by **25%.**

- Implemented robust image upload functionality with **AWS S3**, integrating lifecycle management and managed the project's **GitHub** repository, utilizing branch strategies and pull requests to enhance version control practices, such as merge conflict resolution and commit history simplification, achieving consistent data availability.

- Collaborated within a cross-functional team including product managers, UX designers, and backend developers, employing **Agile** practices, including daily stand-up meetings and weekly sprints, to deliver software under tight deadlines.

- **Presented** to stakeholders, leveraging storytelling and adapting messages to specific audiences to ensure alignment.

Verizon through Revature
Remote, CA

Software Engineer
Mar. 2022 - May 2022

- Facilitated the transition of Verizon's back-end services from a monolithic to a microservices architecture with the **Spring Java** framework, enhancing integration techniques such as **API gateways** and service discovery, and emphasizing **Spring**-specific patterns like inversion of control and aspect-oriented programming, thus securing seamless functionality throughout the migration process while guaranteeing a system uptime of **99.9%.**

- Crafted thorough documentation depicting the relationships among methods and classes, and offered instructions for designing their equivalents in the microservices architecture, using **Confluence** and **SharePoint**, focusing on software design patterns such as **Service**-**Oriented Architecture** and **API Gateway**, to ensure delivery of services within a period of **45 days**.

Software Projects

YouTube-ShadowC [↗]
May 2024 - July 2024

- Developed a YouTube clone with full front-end and back-end integration using **TypeScript, SvelteKit**, implemented **GraphQL** for efficient data querying, and utilized **Tailwind CSS** for responsive UI design.

Cell Phone Auction App [↗]
Sept. 2021 - Nov. 2021

- Developed and managed a **Java-**based console application for cell phone auctions, handling user details, auctions, and transactions with **PostgreSQL,** and processed **JSON** requests between front and back-end, ensuring smooth interfaces for clients, employees, and managers.

Crypto Mutual Funds [↗]
April. 2019 - June 2019

- Developed a full-stack application to efficiently track investments with **React.js** and **Node.js** with **Express.js**, and implemented a **PostgreSQL** database for data management, with cryptocurrency Web **APIs** for real-time updates, and implemented algorithms for accurate tracking of investment percentages and returns.