

AMMAR NASSRI

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Results-driven **Full-Stack Engineer with 4+ years of experience** designing and developing responsive, high-impact digital solutions. Proficient in **React.js, GraphQL, RESTful APIs, and performance optimization**, with a strong focus on user-centered design and **web accessibility (WCAG 2.1)**. A **collaborative team player**, well-versed in **Agile methodologies**, fostering innovation through **mentorship, code reviews, and data-driven decision-making**. Passionate about building **scalable, intuitive applications** that enhance user engagement and drive business success.

SKILLS

Programming Languages: JavaScript, TypeScript, HTML, CSS, GraphQL, SQL, Python

Libraries & frameworks: React, Next.js, React Native, Expo, Node.js, Express.js, Tachyons, Tailwind CSS, NativeWind, Jest, React Testing Library, Redux, Prisma, Zod, Sequelize, Flask, SQLAlchemy, PostgreSQL, MongoDB, JsReport, Handlebars

Tools & Platforms: Git, GitHub, Figma, Firebase, Storybook, Docker, Heroku, Vercel

EXPERIENCE

Senior Software Engineer • **Build.com** • Mar 2021 - Present

- **Collaborated cross-functionally** with product managers, UX/UI designers, and stakeholders to align feature development with business objectives and user needs.
- **Designed and implemented** high-impact frontend features, improving user engagement and system efficiency.
- **Developed a Kitchen Appliance Package Builder** using React, enabling customers and sales associates to filter selections, leading to a **15% increase in cart additions** and a **10% improvement in conversion rates**.
- **Refactored the complex product section** of the Product Details Page, optimizing **25K+ lines of code** for better maintainability, reducing page load time by **15%**, and improving debugging efficiency by **25%**.
- **Built an in-house carousel** to replace the Swiper library, reducing third-party dependencies, improving performance, and enhancing site-wide user experience.
- **Created a Portfolio Generation Tool** using Handlebars and JsReport, automating PDF creation and reducing backend workload, **optimizing document generation requests and payload sizes**.
- **Developed the Price Match Guarantee tool**, enhancing functionality and UI to streamline price-matching, leading to improved customer satisfaction.
- **Migrated product reviews from a third-party client-side widget** to an in-house solution, increasing site speed and allowing for more feature enhancements.
- **Led team efforts as a tech lead**, ensuring **90% on-time feature delivery** and reducing project overruns by **10%** through effective collaboration with project managers.
- **Mentored junior developers and interns**, promoting best practices, improving technical proficiency, and increasing team productivity by **35%**.
- **Proposed and executed architectural improvements**, enhancing internal tooling and development workflows to make the engineering process more efficient.

Adjunct Instructor • **Gwinnett Technical College** • Aug 2024 - Present

- Teaching foundational and advanced concepts in **HTML, CSS, and JavaScript**, equipping students with practical skills to build responsive, interactive web applications.
- Developing engaging lesson plans and hands-on projects to reinforce core web development concepts, providing students with real-world experience and enhancing their problem-solving abilities.
- Providing personalized feedback and guidance, fostering a collaborative learning environment that encourages growth, creativity, and confidence in coding.

Adjunct Instructor • **Lanier Technical College** • Aug 2021 - Aug 2022

- Taught Adobe Illustrator, HTML, CSS, and JavaScript fundamentals and advanced techniques, enabling students

to create professional-quality graphics and develop dynamic, responsive web applications.

- Delivered detailed feedback and personalized guidance, cultivating a collaborative learning atmosphere that promoted student growth, creativity, and confidence in graphic design and web development.

PROJECTS

Listimo (React Native, Expo, Redux, Express, Node, Prisma, Zod, MongoDB, ImageKit, Jest)

A productivity app combining task management and chat.

- **Developed a cross-platform productivity app**, Listimo, using **React Native**, **Expo**, and **Redux**, integrating task management and real-time chat for seamless collaboration.
- Designed and implemented a **robust backend with Express, Node.js**, and **Prisma**, ensuring efficient data handling and scalability.
- Integrated **MongoDB** and **ImageKit** for optimized data storage and media management, enhancing performance and user experience.
- Implemented form validation and **API schemas using Zod**, improving data integrity and error handling.
- Wrote **unit and integration tests with Jest**, ensuring app reliability and maintaining a high code quality standard.
- Optimized state management with **Redux**, improving app responsiveness and reducing unnecessary re-renders.
- Leveraged **Expo** for rapid development and deployment, ensuring smooth cross-platform compatibility on both **iOS** and **Android**.

Judder (React Native, Expo, Redux, GraphQL, Express, Node, Prisma, Zod, MongoDB, ImageKit, Jest, NX Monorepo)

A social media-like app focused on posting eyewitness videos.

- Developed and maintained Judder, a social media-like app for posting eyewitness videos, using **React Native**, **Expo**, **Redux**, and **GraphQL**, ensuring a seamless and scalable user experience.
- Implemented a robust backend with **Express, Node.js, Prisma**, and **MongoDB**, optimizing data retrieval and storage for high-performance video content delivery.
- Integrated **ImageKit** for efficient media processing and CDN delivery, improving video upload speeds and playback quality.
- Built and managed an **NX Monorepo**, streamlining code organization and enabling faster builds and deployments.
- Optimized **GraphQL queries and resolvers**, reducing API response times and improving overall app performance.

Deary (ReactJS, Redux, Python / Flask, SQLAlchemy, PostgreSQL, Amazon S3)

[github](#)

A social network app for the people you care about. Modeled after Facebook.

- Developed a dynamic post UI component using **React.js**, **Redux**, and **Flask**, enabling users to seamlessly view and interact with multiple posts from their friend list by querying data across multiple tables.
- Integrated secure user authentication with **CSRF protection**, ensuring safe login and sign-up processes while enabling seamless session restoration for uninterrupted user experiences.
- Implemented an image upload system leveraging **Amazon S3** and **Flask**, allowing users to efficiently upload photos for posts and update their profile and cover images while minimizing server load.

EDUCATION

Full Stack Web Development • **App Academy** • Nov 2020

MFA Animation • **Savannah College of Art and Design** • Spring 2014

BS Communication and Computer Engineering • **Arab International University** • Spring 2010