

# AMMAR NASSRI

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Full-Stack Software Engineer with 4+ years of experience delivering **scalable, user-focused digital products** across web and mobile platforms. Proven track record of building high-performance applications that increase **conversion, engagement, and efficiency**. Adept at leading teams, mentoring engineers, and optimizing architectures to balance speed with maintainability. Passionate about transforming complex problems into **intuitive, accessible, and impactful solutions** that drive business growth.

## SKILLS

**Frontend:** React, Next.js, React Native, Expo, Redux, Tailwind CSS, Material-UI

**Backend:** Node.js, Express, GraphQL, REST APIs, Prisma, Sequelize, Flask, SQLAlchemy

**Databases:** PostgreSQL, MongoDB, SQL

**Cloud & DevOps:** AWS (S3, Lambda), Docker, Firebase, Heroku, Vercel, Jenkins, CI/CD

**Other:** Jest, React Testing Library, Zod, Handlebars, Playwright, JsReport, Storybook, Git, Figma

## EXPERIENCE

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

- Drove **business-impacting feature development**, collaborating with PMs, designers, and stakeholders to ensure alignment with goals and user needs.
- **Increased cart additions by 15%** and boosted conversions by 10% by designing and implementing a **Kitchen Appliance Package Builder** in React.
- **Improved site performance and maintainability** by refactoring 25K+ lines of code in the product details page, reducing load time by 15% and debugging time by 25%.
- **Cut costs and boosted performance** by replacing Swiper with a custom in-house carousel, enhancing the site-wide user experience.
- Built a **Portfolio PDF Generator** (Node.js, Handlebars, Playwright) that automated workflows, reducing backend workload and improving response times.
- Enhanced customer trust and satisfaction **by redesigning the Price Match Guarantee tool**, making price-matching easier and more intuitive.
- Replaced a third-party product reviews widget with an in-house solution, **increasing site speed** and enabling richer feature development.
- Served as **Tech Lead**, achieving **90% on-time delivery** and reducing project overruns by 10%.
- Mentored junior developers, boosting team productivity by 35% through code reviews, pair programming, and guidance on best practices.
- Proposed and executed **architectural improvements** to streamline internal tooling and development cycles.

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

- Teaching **HTML, CSS, JavaScript, and React**, preparing students to build responsive, interactive web applications.
- Designed a **React course modeled after real-world workflows**, giving students hands-on experience with the tools, patterns, and challenges they'll face in professional software engineering roles.
- Developing **project-based lessons** that simulate real-world app development, equipping students to contribute to production-grade web apps immediately after graduation.
- Providing **personalized mentorship and feedback**, fostering confidence, problem-solving skills, and readiness for modern web development careers.

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

- Taught **HTML, CSS, JavaScript, and Adobe Illustrator**, combining programming and design fundamentals.
- Cultivated creativity and technical skills, preparing students for professional web and design roles.

## PROJECTS

**Listimo** (React Native, Expo, Redux, Express, Node.js, Prisma, Zod, MongoDB, AWS S3 via Tigris, Fly.io, Jest) [Live Website](#)

*A productivity app combining task management and chat.*

- Designed and built a **cross-platform productivity app** that merges **to-do list management with real-time chat**, improving collaboration and organization.
- Developed a **scalable backend** with Node.js, Express, Prisma, and MongoDB, ensuring efficient task and message handling.
- Integrated **AWS S3 via Tigris** for secure file storage (images, attachments) and **deployed on Fly.io** for global availability and low-latency performance.
- Implemented **schema validation with Zod**, strengthening API reliability and preventing data inconsistencies.
- Optimized app responsiveness with **Redux** for state management, reducing unnecessary re-renders and boosting user experience.
- Wrote **unit and integration tests with Jest**, improving code reliability and protecting against regressions.
- Leveraged **Expo** for rapid cross-platform development, ensuring seamless functionality on both iOS and Android devices.

**Judder** (React Native, Expo, Redux, GraphQL, Express, Node.js, Prisma, Zod, MongoDB, AWS S3 via Tigris, Fly.io, Jest, NX Monorepo)

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

- Built a **social media-style platform for eyewitness videos**, enabling users to post, view, and engage with real-time content.
- Architected a **scalable backend** with Node.js, Express, GraphQL, and Prisma, supporting smooth data queries and relational logic.
- Deployed on **Fly.io** for global low-latency access, integrating **Tigris with AWS S3** for reliable video storage and delivery.
- Implemented **form validation and type-safe schemas with Zod**, improving the reliability of user submissions.
- Leveraged **Redux** for predictable state management across complex user interactions.
- Developed **end-to-end testing** with Jest to ensure feature stability and safeguard video upload integrity.

**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 — 2020

**MFA Animation**, Savannah College of Art and Design — 2014

**BS Communication & Computer Engineering**, Arab International University — 2010