

# Amjad Elhassan

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## Skills

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**Coding:** JavaScript, Node, React, Typescript, Next.js, Angular, Vue, HTML, CSS, MongoDB, SQL

**Environments & Architectures:** Windows, Linux, MacOS

**Methodologies:** Agile: Scrum, JIRA, Git

**Recreational skills:** 8-year Jazz Saxophonist, Digital art illustrator

## Work Experience

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### Senior Web App Developer

*Jan. 2023– Present*

National Institute of Allergy and Infectious Diseases (NIAID) | Rockville, MD (Remote)

- Spearhead the strategic planning, design, and development of advanced web applications for processing clinical data
- Lead and mentor a team of developers by sharing best practices, fostering skill development, and ensuring adherence to Test-Driven Development methodologies
- Drive the transformation of complex systems into intuitive user experiences, setting clear technical roadmaps and standards
- Oversee the analysis of large scientific datasets to extract actionable insights and deliver concise conclusions
- Champion the adoption of modern JavaScript, TypeScript, and related technologies to continuously enhance application performance and scalability

### Senior FullStack React/Typescript Engineer

*Oct. 2021– Sep. 2022*

ClassDojo | San Francisco, Ca

- Tasked with building key infrastructure in the ClassDojo android application, then contribute planning and executing major features while coordinating with my teammates
- specialized in creating intuitive UI interactions of a React.js/Typescript client running in a Next.js framework and wrapped in a flutter handler to handle native android interaction.
- Created component, integration, and end-to-end tests to maintain application integrity in a continuous integration and development environment with modern TDD practices (Cypress, Jest, Playwright)
- collaborate with product designers about overall goals and priorities and producing solutions that are user-oriented for an application that reaches millions

### FullStack Javascript Developer

*Nov. 2020 – Sep. 2021*

Puffin Design Lab | Irvine, Ca

- Created FullStack E-Commerce applications with modern SEO optimizations that increase site traffic by an average of 35% within one month of implementation.
- Developed a React.js web app for a major wholesale apparel supplier that eliminated all frequent tech-related errors experienced by their client base of over 800 different businesses.
- Deployed and migrated applications via AWS and Heroku with configurations that encourage scalable test-driven future developments while cutting annual server costs by thousands

## Personal Projects

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### Loquii

- FullStack social network application that connects users to the most popular social media posts and upcoming local events based on their provided ZipCode. Allows users a platform to specifically engage and interact with their local community.
- made using: Twitter API, TikTok API, Facebook API, HTML, CSS, JavaScript, JQuery, Node.js, Express.js, Mongoose, and MongoDB

## Education

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### Bachelor of Science in BioChemistry

*2014-2018*

University of North Carolina - Chapel Hill