

Sherif Essam El-Din Sayed

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Summary

Software engineer with two years of professional experience in the software industry, specializing in front-end development with TypeScript, React, Node.js, and AWS. Skilled in building scalable, high-performance web applications and passionate about solving complex technical challenges and delivering high-quality, user-centric software solutions.

Work Experience

- **C M Cherry Consulting | Full-Stack Developer / Remote | USA.** (Feb 2024 - Present)
 - Handled the authentication flow with Amazon Cognito.
 - Built a user-friendly, dynamic form for data input required in biological analysis.
 - Developed a robust, feature-rich table component with full CRUD functionality.
 - Created an interactive tool for designing and executing biological analysis through visual diagrams.
 - Integrated the application with AWS services like DynamoDB and S3 via Lambda functions.
 - Implemented unit and integration tests with Vitest, increasing automation and code coverage for higher software reliability.
 - Utilized libraries and tools such as Redux, Mantine, TanStack Table, React Flow, and Vitest.
- **Al Zaeem Development Training LLC Co | IT Instructor / Remote | UAE.** (Aug 2020 – Mar 2022)
 - Designed and delivered comprehensive training sessions in JavaScript, HTML, CSS.
 - Mentored and graduated over 30 students, equipping them with strong foundational programming skills.

Technical Skills

Languages: HTML, CSS, JavaScript, TypeScript.

Frameworks & Libraries: React, React Native, Redux, TanStack Table, Mantine, Tailwind CSS.

Testing: Vitest, React Testing Library.

Cloud & Backend: AWS (DynamoDB, S3, Lambda, ECS, Cognito), Node.js, Express.

Projects

- Wasaly [GitHub](#) | [Live](#) | [Video](#)

An e-commerce full-stack app using MERN technologies with the following features

- Secure user authentication and registration with JWT and email verification.
- Product filtering, pagination, and add-to-cart functionality for a seamless shopping experience.
- Integrated Stripe for secure credit card payments.

- Briddit [GitHub](#) | [Live](#) | [Video](#)

A social media full-stack app using PERN technologies with the following features:

- User authentication via Google or demo user login.
- Customized activity-based feed with infinite scrolling.
- Post creation, interaction, and updates with image uploads and a rich-text editor.
- Real time notification system.

Education

- B.E., Electrical Engineering, Ain Shams University, Cumulative Grade: Good. (Sep 2017 – Jul 2022)

Certificates

- Data Structures and Algorithms Specialization, University of California San Diego. (Sep 2022)

- Full Stack JavaScript Developer Nanodegree, Udacity. (Mar 2023)

Soft Skills

- **Fast Learner:** Quickly adapts to new technologies, tools, and evolving project requirements.
- **Collaborative Mindset:** Works seamlessly within cross-functional teams.
- **Analytical Problem-Solving:** Approaches challenges with structured and creative solutions.
- **Attention to Detail:** Committed to producing clean, efficient, and maintainable code.
- **Strong Time Management:** Skilled in prioritizing tasks, meeting deadlines efficiently.

Languages

- **Arabic:** Native Speaker

- **English:** Professional