

Samuel Reda

San Diego, CA

Email: samuelreda2018@gmail.com | **GitHub:** github.com/streda | **Portfolio:**

<https://personal-portfolio-1ode.onrender.com>

Summary

Full Stack Engineer with expertise in **Java, JavaScript, React, Node.js, and Cloud Technologies**. Passionate about building scalable applications, solving algorithmic problems, and optimizing system performance. Strong foundation in **data structures, algorithms, and web development**.

Technical Skills

- **Programming Languages:** Java, JavaScript, TypeScript, C++, Python
 - **Frontend:** React, Next.js, Redux, Tailwind CSS
 - **Backend:** Node.js, Express, RESTful APIs, MongoDB, MySQL
 - **Cloud & DevOps:** Docker, CI/CD, Firebase, DigitalOcean, Render
 - **Version Control:** Git, GitHub, GitLab
 - **Testing:** Jest, Mocha, Cypress
 - **Tools & Platforms:** Webpack, Postman, VS Code, Linux
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Projects

Personal Portfolio Website

- Built a **React & TypeScript** portfolio with a custom **Node.js backend** deployed on Render.
- Integrated **Socket.IO** for real-time messaging and **Nodemailer** for contact form submissions.
- Implemented CI/CD pipeline for automated deployment.

Task Management App

- Developed a full-stack **MERN (MongoDB, Express, React, Node.js)** application for project collaboration.
- Added authentication using **JWT and OAuth**.
- Implemented **Drag-and-Drop** UI for task organization.

Restaurant Ordering System

- Designed a **React + Firebase** app where users can place orders and track them in real-time.
 - Integrated **Stripe API** for payments.
 - Used **Redux Toolkit** for global state management.
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Education & Relevant Coursework

Bachelor's in Computer Science & Engineering

Key Courses: **Data Structures & Algorithms, Web Development, Operating Systems, Computer Networks, Software Engineering, Database Analytics**

Certifications & Training

- Full Stack Web Development – FreeCodeCamp
 - Advanced JavaScript – Udemy
 - Cloud Computing Fundamentals – Coursera
 - System Design Basics – Educative.io
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