# Sal Sylvaine                     Software Engineer

Seattle, WA

256-458-8354 | salsylvaine@gmail.com

 GitHub: https://github.com/salliesylvaine

Portfolio:  salsylvaine.com

LinkedIn: https://www.linkedin.com/in/sal-sylvaine/

## TECHNICAL SKILLS

**Front End:** HTML | CSS | JavaScript | TypeScript | React.js | Redux | Context API | Jest | Cypress
**Back End:** Node.js | Express | Nest.js | SQL | MongoDB | SQLite | NoSQL | Postman
**General:** Git | GitHub | Vercel | Heroku | Agile Project Management | Debugging
**Cloud:** AWS Certified Cloud Practitioner

## PROFESSIONAL EXPERIENCE / PROJECTS

**JSNotebook,** *Seattle, WA - Personal Project*                     **2024**
- Developed an application enabling users to write and execute code directly within a browser, leveraging TypeScript for enhanced developer experience and type safety
- Utilized a monorepo structure to organize the project, consisting of a custom CLI for streamlined development processes, a local API for handling server-side logic, and a front-end React app for user interaction, all managed and published using Lerna for improved codebase management and versioning
- Implemented esbuild for efficient transpilation and bundling within the browser, leveraging unpkg for optimized delivery of dependencies, resulting in faster load times and improved performance
- Integrated Redux for state management, facilitating centralized data management and ensuring seamless communication between components

**O'Fallon Historical Society,** *O'Fallon, IL - Software Engineer*                     **2023**
- Website created for non-profit organization to enable expansion of community outreach
- Integrated meta tags, schema markup, and structured data to optimize website content for search engines
- Employed static site generation (SSG) to create pre-rendered pages, enhancing website performance and user experience
- Developed custom components and modules to enhance website functionality and code reusability
- Provided technical expertise and guidance on best practices to ensure website quality and client satisfaction

**Asheville Psychotherapy Associates,** *Asheville, NC - Software Engineer*                     **2022 - 2023**
- Created platform for client engagement with medical care services, resulting in 33% increase in client intake
- Developed a responsive website utilizing Next.js framework, ensuring seamless performance across devices and browsers
- Implemented advanced Search Engine Optimization (SEO) strategies, enhancing website visibility and driving organic traffic
- Utilized Next.js's server-side rendering (SSR) capabilities to improve website loading speed and enhance user experience

## EDUCATION

**BloomTech Institute of Technology (Lambda School),**  *Full Stack Web Development*
**Institute of Flight Operations and Dispatch,** *FAA approved Dispatch Certification*
**University Of North Carolina Asheville**