Sigmund Tang

Software Engineer / Frontend / Fullstack

US Citizen
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Portfolio - Code & Demos

TECHNICAL SKILLS

Languages: JavaScript (ES6+) · TypeScript · HTML5 · CSS3 · LESS · jQuery · Python · Ruby · Go
Frameworks: React.js. · Svelte · Rails · Django · Express.js · HapiJS
Databases: MongoDB · MySQL · PostgreSQL · Microsoft SQL Server · Firebase
Libraries: D3.js · Plotly.js · P5.js · Bootstrap · jQuery · Babel
Design: Sketch · Adobe XD · Flinto · Balsamiq · Principle
Testing: Playwright · Cypress · Enzyme · Chai · Mocha · Karma
Environment: Node.js · Git · SVN · Jira · Bitbucket · Nexus · Docker · Webpack · Gulp · Grunt

EXPERIENCE

Raft│Software Engineer   July 2023 - Present
- **Designed, developed, and tested** software applications to support the **Consumer Financial Protection Bureau (CFPB)** in ensuring fair treatment of customers by financial institutions.
- **Collaborated with stakeholders** (internal teams & external partners) to gather and analyze **software requirements** and translate them into technical specifications.
- **Integrated software applications** with existing enterprise systems and third-party APIs, ensuring smooth interoperability and data exchange.
- Utilized **React.js, Node.js, Docker, PostgreSQL, and Playwright** to build scalable and maintainable software solutions.

Greymatter.io│Software Engineer   October 2017 - June 2023
- **Developed and maintained classified federal projects** with a focus on **performance, security, and scalability**.
- Implemented **Single Page Applications (SPAs)** using **React.js, Redux, and Flux**, ensuring efficient state management.
- Utilized **JIRA** for issue **tracking and agile sprint planning**, maintaining a history of implementations.
- Conducted **security audits**, implemented **encryption protocols**, and enforced access control policies to meet strict **federal compliance standards**.
- Integrated **D3.js** and **Plotly.js** for complex **data visualizations** and analytics dashboards.

Oil Price Information Service│Software Engineer   May 2016 - September 2017
- Developed **ASP.NET web applications** with **C#**, including authentication, registration, and document management.
- Built and maintained complex applications in **Visual Studio 2013** using **.NET Framework 4** and **LINQ**.
- Worked on various projects including **web applications, APIs, and ClickOnce** applications.
- Used **Microsoft SQL Server 2015** for writing stored procedures and optimizing database performance.
- Provided ongoing support, enhancements, and bug fixes for enterprise software.

EDUCATION

Michigan State University│B.S. Electrical Engineering
University of Michigan│M.S. Electrical Engineering