Yuting Fan

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SUMMARY

Full Stack Developer with 5 years of experience specializing in **Angular 8+** and **TypeScript**. Proficient in building scalable web applications and implementing **RxJS** pipelines with a focus on **Clean Code principles** and **Test-Driven Development**. Committed to continuous learning and delivering high-quality, user-centric solutions.

SKILLS

Programming Languages/Frameworks/Libraries: HTML5, CSS/SCSS/SASS, JavaScript, TypeScript, Angular 8+, Bootstrap, Angular Material, Node.js, NestJS, Express.js, NgRx, Reactive Forms

Databases: Microsoft SQL Server, MySQL, MongoDB

Design/Testing Tools: Figma, Miro, Cypress, Jasmine, Karma, Postman

Software Development Tools: VSCode, IntelliJ IDEA, Eclipse, Sublime

DevOps/Project Management: Agile (Scrum Master), Waterfall, GitHub/GitLab, Jenkins, AWS, Google Cloud Platform

Certifications: **Project Management Essentials Certified**, **AWS Cloud Practitioner**, **Google Data Analytics Certificate**

EXPERIENCE

Tesla | Fremont, CA | Angular Developer | Contract   March 2024 - Present
- Managed a **monorepo** encompassing **Angular**, **React**, and **Vanilla JavaScript** projects to streamline code integration and sharing.
- Upgraded internal design system (TDS) to Angular 17, enhancing performance and incorporating latest features.
- Designed accessible UI components adhering to **WCAG** standards and **UI/UX best practices**, including **ARIA labels** and **keyboard navigation**, to improve usability.
- Developed **CSS custom query** and **window.matchMedia** to ensure responsiveness across browsers and devices.
- Executed thorough testing using **Cypress** and evaluated accessibility with **WAVE**.
- Optimized deployment processes using **Jenkins** CI/CD pipelines and managed version control with **GitHub**.
- Enhanced **bash** and **PowerShell** scripts to improve performance and efficiency across different environments.

SAE International | Remote | Sr. Full Stack Web Developer | Contract   March 2023 – February 2024
- Integrated **Angular 16** with **Java-based Bloomreach CMS**, configuring **AWS CloudFront** and **Firebase** to enhance content management capabilities.
- Applied **Figma** for design specifications and **Miro** for wireframing to maintain UI consistency across the platform.
- Architected and implemented **modular Microservices** for product management and payment processing using **NestJS**, incorporating RxJS, **controllers**, and **RESTful APIs**.
- Improved data retrieval processes with **Elasticsearch** and **SQL-like queries** to accelerate data access.
- Utilized **RabbitMQ** and **Docker** to monitor data flow within BRX Ingestion Service, integrating with AppSearch.
- Led **Agile** meetings and ensured timely project delivery using **JIRA** and **Confluence** as **Scrum Master**.

Tea Elysees Hostels | MEAN Stack Developer | Remote   June 2019 – Dec 2022
- Engineered a comprehensive hotel booking system using **Angular 8-14**, **Node.js**, **Express**, and **MySQL**.
- Incorporated **Google Maps** for dynamic **hotel location information**, enhancing guest navigation.
- Deployed **Socket.IO** to provide **real-time agent support**, improving service coordination and efficiency.
- Visualized occupancy trends with **Chart.js**, creating interactive daily and monthly charts.
- Implemented **Reactive Forms** and improved the user experience with responsive design.
- Integrated **OAuth** with **Google login** for secure user authentication and authorization.
- Enhanced system performance with **lazy loading** and **web vitals**, reducing page load times.
- Applied automated unit tests using **Jasmine** and **Karma**, ensuring code quality and adherence to coding standards.
- Managed **role-based access control (RBAC)** and **router guards** to handle permissions and secure navigation.
- Addressed **input validation** and **sanitization practices** to protect against **XSS attacks**.

EDUCATION

Indiana University Bloomington (M.S. Information Systems)   August 2021 - December 2022
Concentration: Business Intelligence and Analytics, Co-Concentration: Enterprise Security

Indiana University Bloomington (B.S. Information Systems)   January 2019 - May 2021