

Yuting Fan

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SUMMARY

Full Stack Developer with 3 years of experience in Angular, TypeScript, and NestJS. Proficient in building scalable web applications and using Agile methods. Eager to learn and contribute to dynamic teams.

SKILLS

Programming Languages/Frameworks/Libraries: HTML5, CSS/SCSS/SASS, JavaScript, TypeScript, Angular 10+, Bootstrap, Angular Material, Node.js, NestJS, Express.js, Python, R

Databases: Microsoft SQL Server, MySQL, MongoDB, PostgreSQL, BigQuery

Design/Testing Tools: Figma, Miro, Wix, Shopify, SquareUp, Cypress, Jasmine, Karma, Postman, Tableau, PowerBI

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

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** for **Angular**, **React**, and **Vanilla JavaScript** projects to streamline code sharing.
- Upgraded internal design system to **Angular 17**, enhancing TDS performance and incorporating the latest features.
- Developed accessible UI components following **WCAG** standards and **UI/UX best practices**, including **ARIA labels** and **keyboard navigation** to enhance usability for all users.
- Integrated **CSS custom queries** with **window.matchMedia** for cross-browser and device responsiveness.
- Executed testing with **Cypress** and assessed accessibility using **WAVE**.
- Oversaw code changes using **GitHub** and optimized deployments with **Jenkins** CI/CD pipelines.
- Enhanced **bash** and **PowerShell** scripts to improve performance across environments.

SAE International | Herndon, VA | Sr. Full Stack Web Developer | Contract March 2023 – February 2024

- Integrated **Angular 16** with **Java-based Bloomreach CMS**, configuring **AWS CloudFront** and **Firebase** for enhanced content management.
- Applied **Figma** for design specifications and **Miro** for wireframing to ensure UI consistency.
- Architected modular **Microservices** for product management and payment processing using **NestJS**, including **RxJS**, **controllers**, and **RESTful APIs**.
- Optimized data retrieval with **Elasticsearch** and **SQL-like queries**, resulting in faster data access.
- Implemented real-time chat functionality using **Socket.IO** for interactive user communication.
- Directed **Agile** meetings and ensured timely project delivery using **JIRA** and **Confluence** as **Scrum Master**.

University Information Technology Services, IU | Bloomington, IN | IT Technician July 2022 – December 2022

- Installed, configured, and maintained **macOS** and **Windows** systems; managed accounts with **Active Directory**.
- Administered device lifecycle with **PowerShell** and utilized **VMware** for data backup and virtualization.
- Resolved issues using **ServiceNow**, providing timely support, enhancing user satisfaction and reducing downtime.
- Supported daily operations with Microsoft Office 365 tools, streamlining workflows and improving productivity.

Purdue University | West Lafayette, IN | Bioinformatics Research Assistant June 2022 – August 2022

- Managed and queried **120,000 data points** for differential expression analysis using **MySQL**.
- Applied **Pearson correlation** and **Principal Component Analysis** in **R** for data exploration and visualization.
- Developed 30+ visualizations, including PCA plots and heatmaps, using **ggplot2** in **R**, **Python**, and **OmicStudio**.
- Performed **GO enrichment** and **KEGG** pathway analyses to interpret gene functions and pathways.

Kelley Hope Digital Project, IU | Bloomington, IN | Tech Consultant September 2020 – May 2021

- Created websites with **Wix** and **Shopify**, boosting organic traffic and online inquiries by 30%.
- Executed **SWOT analysis** and implemented **SEO** strategies, improving search rankings by 25%.
- Managed online stores using **SquareUp** and **Printful**, achieving 15% sales growth and 10% margin improvement.

EDUCATION

Indiana University Bloomington (M.S. Information Systems) August 2021 - December 2022

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