

# Yuting Fan

Newark, CA | yoki.yutifan@gmail.com | (812)671-1175 | LinkedIn | Portfolio

## SUMMARY

Full Stack Developer with two 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.

## EDUCATION

**Indiana University Bloomington** (M.S. Information Systems)

August 2021 - December 2022

**Indiana University Bloomington** (B.S. Information Systems)

January 2019 - May 2021

## 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:** 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 - April 2024

- Upgraded internal design system to **Angular 17**, enhancing TDS performance and utilizing the latest features.
- Collaborated on design specifications and prototypes using **Figma** for UI consistency and usability.
- Implemented accessible UI components adhering to **WCAG** standards and **UI/UX best practices**, including **ARIA labels** and keyboard navigation.
- Integrated **custom queries** with **window.matchMedia** to ensure responsiveness across browsers and devices.
- Conducted testing with **Cypress** and evaluated accessibility using **WAVE**.
- Managed code changes using **GitHub** and automated deployments with **Jenkins**.
- Optimized **bash scripts** for improved performance.

**SAE International** | Remote | Sr. Full Stack Web Developer | Contract

March 2023 – February 2024

- Integrated **Angular 16** with **Java-based Bloomreach CMS** and configured **AWS CloudFront** and **Firebase** for enhanced content management and improved accessibility and deployability.
- Used **Figma** for UI design and **Miro** for wireframing.
- Enhanced **NestJS** endpoints with **RxJS**, **controllers**, **RESTful APIs**, and **Elasticsearch**.
- Monitored data flow in **BRX Ingestion Service** using **RabbitMQ** and **Docker** with **CSP/AppSearch**.
- Served as **Scrum Master**, leading **Agile** meetings and managing project delivery with **JIRA**.

**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**.
- Managed device lifecycle with **PowerShell** and used **VMware** for data backup and virtualization.
- Tracked and resolved issues using **ServiceNow**, providing timely and accurate support.
- Supported daily operations with **Microsoft Office 365** tools.

**Purdue University** | West Lafayette, IN | Bioinformatics Research Assistant

June 2022 – August 2022

- Analyzed RNA-Seq data (120,000 data points) for differential expression analysis.
- Applied **Pearson correlation** and **Principal Component Analysis** in **R** for data exploration and visualization.
- Created 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

- Developed websites with **Wix** and **Shopify**, boosting organic traffic and online inquiries by 30%.
- Conducted **SWOT analysis** and executed **SEO** strategies, improving search rankings by 25%.
- Managed online stores using **SquareUp** and **Printful**, achieving 15% sales growth and 10% margin improvement.
- Collaborated with cross-functional teams using **Agile** for timely project delivery.