Ziqi Fang

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LinkedIn: www.linkedin.com/in/ziqi-fang | Portfolio website: ziqifang-portfolio.com

Summary:

Recent Computer Science major graduate, Front-end Developer with capability to build full-stack solutions. Expertise in MERN stack (MongoDB, Express.js, React.js, Node.js), iOS development, AWS Cloud Services, and Agile Methodologies. Passionate about developing innovative, user-centric applications and efficient software solutions.

Technical Skills:

Programming Languages: JavaScript (ES6+), TypeScript, Python, Java
Front-End Development: HTML5, CSS3, React.js, Next.js, Responsive Web Design, UI/UX Design
Back-End Development: Node.js, Express.js, RESTful API Development
Design and Prototyping Tools: Figma, Sketch , Adobe XD
iOS Development: Swift, SwiftUI, iOS SDK, XCode
Database Technologies: Firebase, MongoDB, PostgreSQL, Database Management
DevOps & Cloud Services: AWS Cloud Services, Git, GitHub, CI/CD
Software Engineering Practices: Agile (Scrum) Development Cycle

Project Experience: *(More projects on Ziqi portfolio website)*

ToDoList iOS Mobile App (*GitHub Repository Link: https://github.com/SherryFang1207/ToDoListIOSApp*)
- Developed event arrangement ToDoList iPhone application using Swift and SwiftUI
- Incorporated Firebase for cloud-based data storage and user authentication system
- Utilized industry-standard UI/UX tools like Sketch and Adobe XD for prototyping and design

ChatPDF (*Web-Based SaaS Application: https://chat-pdf-pied-psi.vercel.app/*)
- Pioneered an AI-driven chatbot application, enhancing user engagement with PDF content.
- Executed full-stack development using Next.js, Node.js, Express.js, and React.js.
- Designed a seamless user interface with Tailwind CSS and Shadcn, ensuring intuitive UX.
- Orchestrated user data management with DrizzleORM, NeonDB, and MongoDB.
- Integrated Stripe API for subscription-based revenue model and Clerk Auth for user authentication

Sushier E-Commerce Platform (*Web-Based E-Commerce Project: https://www.sushier.app*)
- Developed a responsive E-commerce web application using React.js, Tailwind CSS and Next.js
- Implemented robust user authentication with NextAuth and RESTful API with Node.js and Express.js.

Professional Working Experience:

Software Engineer Intern   *YuQing Culture and Language School, Remote (Dec 2022 – Sep 2023)*
- Developed front-end components of a school management system, enhancing user interactivity and engagement.
- Played a key role in designing user interfaces for internal tools to facilitate better communication.

Undergraduate Computer Networking Course Tutor   *J. Baskin School of Engineering, UCSC (2022)*
- Assisted students in understanding networking concepts, contributing to their academic success.

Certifications:

AWS Certified Cloud Practitioner – Feb 2023 (Link)   AWS Solution Architect Associate – Aug 2023(Link)

Education:

Bachelor of Science in Computer Science University of California, Santa Cruz (Sep 2019 – Dec 2022)
Cumulative GPA: 3.7 | Honors: Dean's Honor List & Dean's Award (2019-2022)