

# QiYi Yin

☎ 414-554-9255 ✉ [zosyqy@gmail.com](mailto:zosyqy@gmail.com)  [LinkedIn](#) 📍 Fremont, CA

## Education

### Arizona State University

*Master of Science, Computer Science*

**Aug. 2022 – Dec. 2024**

*Tempe, AZ*

### Changchun University of Technology

*Bachelor of Science, Electrical Engineering*

**Sept. 2008 – Jul. 2012**

*Changchun*

## Technical Skills

**Programming Languages:** Java, C++/C, Python, SQL, HTML/CSS, JavaScript, TypeScript, C#

**Web Development:** React, Node.js, Express.js, Vue.js, Django, Flask, Angular, Spring, RabbitMQ

**Systems and Tools:** MySQL, MongoDB, Redis, AWS, Docker, Kafka, Kubernetes, .NET, Jenkins, Git, Terraform

## Work Experience

### U-tec Group Inc.

**Oct. 2021 – Present**

*Electric Engineer*

- Contributed to resolving numerous customer-reported issues by developing and executing test code, focusing on enhancing system stability. Leveraged **Java** and **Spring MVC** for backend processes, optimizing data flow and ensuring robust functionality across various systems.
- Implemented **MySQL** and **DynamoDB** to efficiently store and query large datasets, which played a key role in tracking and resolving issues. This implementation was also instrumental during software upgrades, resulting in a significant reduction in system crash rates.
- Integrated **Vue.js** to develop responsive and user-friendly interfaces, and used **Redis** for caching frequently accessed data, improving system performance and reducing load times, thereby enhancing the overall user experience.

## Projects

### Online education platform / Full Stack

**Apr. 2024 – Jun. 2024**

- Built an online education platform using **React** and **NestJS**, implementing key business modules.
- Designed data models and APIs using **GraphQL** Schema and **TypeORM** entities, leveraging code generation tools for enhanced maintainability.
- Leveraged **Apollo Client** to facilitate API communication, enhancing performance and scalability.

### Movie Review App Platform | MERN Stack

**Jan. 2024 – Mar. 2024**

- Developed a movie review platform using the **MERN stack** within an **Agile** environment, implementing **role-based access control (RBAC)** with **JWT** and **Node.js** middleware for secure user authentication and feature access.
- Integrated **Redis** for caching frequently accessed data, enhancing performance and ensuring data consistency, while **Cloudinary** was used to manage media uploads and optimize delivery.
- The frontend was built with **React** and **Tailwind CSS**, creating a dynamic, responsive user interface with features like movie ratings, review submission, and user-specific dashboards.

### RESTful Web Service Platform | Java, Spring Boot, Spring Data JPA

**Oct. 2023 – Dec. 2023**

- Developed a **RESTful web service** application using **Spring Boot** and **Spring Data JPA** for core features like user registration, login, email verification, and profile management, with **AWS DynamoDB** as a scalable database for handling large volumes of user data.
- Secured API endpoints using **Spring Security** and **JWT** for stateless user authentication, and integrated **AWS SES** for automated email verification during sign-up and password reset.
- Utilized **Postman** for testing HTTP requests, deployed the application on **Apache Tomcat**, and set up an **AWS EC2** instance for scalable cloud hosting.

### Full Stack E-Commerce Website | Full Stack

**Jul. 2023 – Sep. 2023**

- Developed an e-commerce website using **Angular** for the front end and **Spring Boot** for the back end.
- Integrated **Stripe API** for secure credit card payments, enhancing the overall payment processing system.
- Implemented robust security features, including **JWT**, **OAuth2**, **OpenID Connect**, and **SSL/TLS**, to ensure secure user authentication and data transmission.
- Deployed the application on **AWS S3**, leveraging its scalable cloud infrastructure to ensure high availability and performance.