

# Zhengyuan Jin

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## Summary

Problem-solving and innovative Software Engineer with 5+ years experience, specialising in creating user-centric web applications and innovative solutions. Proficient in JavaScript (React, Next.js), Java (Springboot), with strong expertise in designing seamless user experiences. Experienced in designing CI/CD pipelines and deploying solutions on Cloud platforms (AWS, GitHub Action, Jenkins), with extensive experience in DevOps practices. Proven with records of delivering projects on time in agile development settings, with a keen focus on user satisfaction.

## Skills

Languages: Java, JavaScript, TypeScript, Python  
Frontend: HTML5, CSS3, jQuery, MUI, React, Next.js, Tailwindcss, shadcn/ui  
Backend: Springboot, SpringMVC, Restful API, Node.js, Express, Django, Flask  
Database: SQL, MySQL, PostgreSQL, MongoDB, Redis  
Tools: AWS, Git, Gradle/Maven, webpack, GitHub Action, Jenkins, Jest

## Professional Experiences

### ManezCo Pty. Ltd      Vlearnis.com

Sydney, Australia

Full-Stack Developer, Part-Time, Remote

May 2024 – present

- Developed and maintained an AI online learning platform using **React**, **Django**, **PostgreSQL**, **Redis**, and **GPT-4**.
- Led the design and implementation of the **CI/CD** pipeline, ensuring automated testing and deployment processes.
- Incorporated **unit tests** and **integration tests** to ensure platform reliability and quality.
- Utilized **Docker** to ensure consistent environments across development, testing, and production stages.

### EE Corporation      EESupply.com.au

Sydney, Australia

Full-Stack Developer, Part-Time, Hybrid

March 2024 – May 2024

- Designed and developed the e-commerce website using **Next.js** with **TypeScript** and **Tailwind CSS**.
- Created customized product storage solutions and managed transactions using **MongoDB** and **MySQL**.
- Implemented **CI/CD** pipelines using **GitHub Actions** and hosted on **AWS** for enhanced scalability and performance.

### Shanghai Yijian Tian Electronics Co., Ltd.

Shanghai, China

Software Engineer, Full-Time, Hybrid

Dec 2022 – Jan 2023

- Developed and maintained the company's website using **Next.js** with **TypeScript** and **Tailwind CSS**.
- Optimized company's website **SEO** to improve website visibility and ranking.
- Designed and developed an asset management system using **Spring MVC** and **Spring Boot**.
- Ensured transactional safety using **MongoDB** and **Redis**.

### Shangjingyun Technology Co., Ltd.

Hangzhou, China

Software Engineer, Full-Time, Onsite

Nov 2018 – Nov 2022

- Designed and developed the Facial Recognition Big Data Platform using **Spring MVC**, **Spring Boot**, and **MySQL**.
- Engineered storage solutions for over 300 million facial capture data using **MongoDB Clusters**.
- Optimized analysis algorithms with **multi-threading** and **Redis caching**, reducing processing time by 60%.
- Utilized **Docker** to standardize and streamline the deployment process on government private **Linux** servers.
- Designed and developed the Ningbo Health Code Platform using **JavaScript**, **HTML**, **CSS**, and **MongoDB**.
- Provided stable services for over 15 million users with a **distributed system** hosted on **Alibaba Cloud**.
- Enhanced application using caching mechanisms with **Redis Clusters**, supporting over 20 million daily transactions.
- Managed various projects using **agile methodology**, consistently achieving on-time delivery.

## Education

### Master of IT & Master of IT Management

Sydney, Australia

The University of Sydney

Feb 2023 – Dec 2024

- Specialized in Data Management and Analytics
- Collaborating with PhDs on the **Research Pathway** focused on Knowledge-driven Traffic Image Analysis

### Bachelor of Computer Science

Boston, United States

Boston University

Sep 2014 - Sep 2018

- Undergraduate Teaching Assistant for CS591 Android Application Development