

Zhengyuan (Tony) Jin

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Skills

BACK-END DEVELOPMENT | Java • Spring • Python • Node.js • Express

FRONT-END DEVELOPMENT | JavaScript • React • Next.js • HTML • CSS • jQuery

DATABASES AND TECHNOLOGY | MySQL • MongoDB • PostgreSQL • Redis • AWS • Docker • GPT-4

Professional Experience

Full-Stack Developer, Part-Time, Remote

ManezCo Pty. Ltd

Sydney, Australia

May 2024 – present

- **Valearnis.com:**

- Develop and maintain AI online learning platform using React with Typescript, Django, PostgreSQL, Redis and GPT-4.

Full-Stack Developer, Freelance

EE Corporation

Sydney, Australia

March 2024 – May 2024

- **EESupply.com.au:**

- Designed and developed the company's website using Next.js with Typescript, Django, MongoDB.
- Deployed and maintained the website on AWS, ensuring high performance, scalability and security.

Software Engineer, Full-Time, Onsite

Shangjingyun Technology Co., Ltd.

Hangzhou, China

Nov 2018 – Nov 2022

- **Facial Recognition Big Data Platform:**

- Led the design and development of the platform using Java SpringMVC, Node.js and MongoDB.
- Managed over **15,000 cameras** in Hangzhou, storing over **300 million facial captures**.
- Optimized analysis algorithms by over 60%, assisting in solving 20+ criminal cases and providing evidence for 500+ cases.
- **Won a 9-million-CNY bid with SENSETIME at the Police Department of Zhejiang Province.**

- **Ningbo Health Code Platform:**

- Created for the **Ningbo government** to protect citizens from COVID-19 using WeChat Mini Programs, Redis, MongoDB, Node.js.
- Ensured stable services for **15+ million users with 20+ million daily transactions**.
- Reduced application loading speed **from 2 seconds to under 0.5 seconds**.
- System was acquired by the government, generating over **4 million CNY in reward** for the company.

- **Team Leadership and Management:**

- Managed a development sub-team with five members, using **Agile Methodology**.
- Compiled comprehensive technical documentation, ensuring clear and accessible information for development and maintenance
- Led weekly meetings and **mentored** new employees and interns.

Education

Master of IT & Master of IT Management

The University of Sydney

Sydney, Australia

Feb 2023 - Nov 2024

- Specialized in Data Management and Analytics

- Collaborating with PhDs on the Research Pathway focused on Knowledge-driven Traffic Image Analysis.

Bachelor of Art

Boston University

Boston, United States

Sep 2014 - Sep 2018

- Major in Computer Science

- Undergraduate Teaching Assistant for CS591 Android Application Development