Zhengyuan (Tony) Jin

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Personal Website: https://ZhengyuanJin.digital **GitHub:** https://github.com/Tony-Jzy

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   Sydney, Australia
ManezCo Pty. Ltd   *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   Sydney, Australia
EE Corporation   *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   Hangzhou, China
Shangjingyun Technology Co., Ltd.   *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   Sydney, Australia
The University of Sydney   *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, United States
Boston University   *Sep 2014 - Sep 2018*

- Major in Computer Science
- Undergraduate Teaching Assistant for CS591 Android Application Development