

Zhengzuo (Zachary) Huo

Full-Stack Web Developer / Cloud Developer / Cloud Architect

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Profiles

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Summary

My name is Zhengzuo Huo, also known as Zachary. I am presently pursuing a Master's degree in Computer Science at the University of Sydney. My professional aspiration is to establish a career as a full-stack web developer within the dynamic IT industry.

Education

The University of Sydney August 2022 - July 2024
Computer Science Master's Degree
WAM: Distinction

Core Courses: Web Application Development, Cloud Computing, Object Oriented Application Frameworks, Applied Cybersecurity, Object Oriented Programming

South China University of Technology September 2018 - July 2022
Electronics Science and Technology Bachelor's Degree

Technical Skills

JavaScript	TypeScript	HTML	CSS	React
Node.js	Python	Java	SpringBoot	SQL/NoSQL
AWS	Linux	Docker	Terraform	CI/CD

Certifications

AWS Certified Developer - Associate March 2024 - March 2027

Projects

InfoFusion: An all-in-one research web platform

Role: Full-Stack Web Developer & Cloud Developer

- Created user friendly frontend UI using React.js and TailwindCSS
- Designed frontend component architecture
- Implemented secure data fetching using Axios and OAuth2
- Designed backend architecture and MongoDB schema
- Developed and deployed REST APIs with AWS Lambda and AWS API Gateway
- Improved deployment procedure with Terraform and Terraform Cloud

OldPhoneDeal: A MERN-based E-commerce website

Role: Full-Stack Web Developer

- Created a beautiful frontend with React.js, TailwindCSS and DaisyUI
- Implemented backend using Express.js and MongoDB
- Tested REST APIs with Postman
- Implemented data fetching using Axios

TechPulse: A blog website based on SpringBoot

Role: Full-Stack Web Developer

- Created beautiful web interface with HTML, CSS and Javascript
- Created robust backend with Java, SpringBoot, MySQL and MyBatis
- Improved the reliability of the backend by performing unit tests using JUnit