

## Personal Summary

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Dedicated Software Engineer with extensive experience in both front-end and back-end web application development, including deployment strategies. Proficient in React.js, Express.js, Java Spring Boot, and RESTful APIs, my expertise extends to cloud technologies and database management for a comprehensive approach to software solutions. Demonstrated expertise in agile development environments, consistently delivering projects on time and exhibiting strong self-management skills.

## Skills

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**Programming Languages:** JavaScript, Java, Python, TypeScript

**Web Development Techniques:** React.js, Express.js, Spring Boot, HTML5, CSS3

**Database & Cloud Technologies:** MySQL, Azure Cloud Service, Zoho Catalyst

**Tools:** Git, GitHub Actions, Travis CI, Maven, Postman, Restful API, Swagger API

**Testing & Quality Assurance:** Jest, JUnit, MSW (Mock Service Worker), Google Test, k6

## Work Experience

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**Aug 2023 - Current      Solutions to Success | Full-Time | Full-Stack Developer**

Engaged in the design and execution of scalable software solutions, directly interfacing with clients to tailor offerings with a focus on React.js, Express.js, and Zoho Cloud services.

- Collaborated with UI designers, developing a single-page application using React.js, based on a Figma prototype
- Designed a RESTful standard API and documented it with OpenAPI
- Developed a backend integrated using Node.js (Express.js)
- Deployed both the frontend and backend on cloud platform
- Implemented CI/CD pipelines using Travis CI to automate and streamline deployment processes
- Conducted stress tests with K6, and frontend testing utilizing MSW

Techniques: React.js, Express.js, Redux.js, D3.js, Material UI, MSW, K6, ESLint, Swagger API, Zoho Creator, Zoho Catalyst, Travis CI

**Jun 2023 – Aug 2023      ArrowFit Website | Free-Lancer | Back-end Developer**

Developed a comprehensive back-end system for ArrowFit, an Adelaide-based fitness platform catering to Admins, Trainers, and Trainees. The system facilitated user management, training schedules, and payment processing.

- Engineered a double-token authentication system using JWT for secure user verification
- Containerized the application with Docker to maintain consistent development environments across the team
- Designed a self-sustaining database with an automatic clearance mechanism
- Integrated and documented the system using Open API, facilitating seamless communication with front-end developers

Techniques: Java Spring Boot, MyBatis, MyBatis Generator, MySQL, Azure, Redis, Page Helper, Open API

## Education

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University Of Adelaide	Master of Computing and Innovation (6.75/7.0)	2022-2023
Shanghai University Of International Business and Economics	Bachelor of Laws	2012-2018