

Weite Dai

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<https://www.weitedai.com/> | <https://www.linkedin.com/in/weitedai/> | <https://github.com/weitedai>

PERSONAL SUMMARY

Motivated and dedicated Software Developer with 3 years of hands-on coding experience and passionate about leveraging technology to enhance business. Great communication skills and problem-solving skills with Agile/Scrum experience. An active learner always likes to learn new knowledge.

SKILLS

Front End:

HTML5, CSS3, JavaScript ES6, TypeScript, React.js, Next.js, Redux, JestTest, **Mobile:** Dart/Flutter, Kotlin/Android, Swift/Apple

Back End:

JAVA Spring Boot, Grails, Hibernate, junit5Test, Spring Security(JWT), Node.js(Express.js, NestJS), Python(FastAPI)

Database:

PostgreSQL, Oracle PL/SQL, MySQL, MongoDB, Flyway data migration

Tools/platforms/methodologies:

Swagger, Agile, Sprint & Scrum, Jira, Trello, Git, GitHub, GitLab

Others/Devops:

Linux, GitHub Action, Gitlab CI/CD, PM2, Docker, Nginx, Vercel

PROFESSIONAL EXPERIENCE

University Of Tasmania

Feb 2023 - current

Software Engineer, ICT

Hobart

Collaborated with cross-functional teams to analyse, design, develop, and support complex software solutions, ensuring alignment with business goals and objectives.

Responsibility & Achievement:

Software development:

- Enhanced and maintained a staff workload management system web application, utilizing cutting-edge technologies including Vue.js, Java Spring Boot, Hibernate, and MySQL. Implemented new features to optimize staff workload management, contributing to increased efficiency and user experience.
- Developed a robust report file generation and download feature, enabling users to dynamically filter data into annual or semester reports based on their specified conditions.

- Implemented Flyway database migration to the existing system resulting in increasing the database management efficiency and reduce deployment errors.
- Led the design and implementation of a new research datasets system with SOA, resulting in enhanced system integration and streamlined business processes and implemented the system from scratch including UI design, database design, and project setup.
- Developed the system using Python (FastAPI, pandas) to organize uploaded dataset files, integrated AI functionalities across teams, and constructed the web application using React.js and Typescript. Successfully deployed the application on a self-hosted server.

Collaboration:

- Create and maintain technical documentation for software components, APIs, and systems to facilitate knowledge sharing and future development.
- Collaborated with cross-functional teams to streamline communication process.
- Provided leadership and support to a team of 3 entry-level developers, contributing to the successful completion of challenging projects within specified timelines.
- Implemented GitHub Action CI/CD pipelines to streamline development and testing processes, ensuring code integrity across various environments.

University Of Tasmania

Aug 2022 – Jan 2023

Entry Web Developer, ICT

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- Maintained and added new features for a staff workload management system web application in UTAS with modern framework Vue.js, Java Spring Boot, Hibernate and MySQL to help staff manage workload more efficiently.
- Work closely with cross-functional teams, including product managers, designers, and other engineers, to understand requirements and deliver innovative solutions.

Gamera

Jan 2023 - Apr 2023

Full-stack Developer

Hobart

<https://gamera.com.au/>

- Designed system, database, RESTful API and implemented it with JAVA Spring Boot, Hibernate, PostgreSQL and React(Typescript)
- Implemented Spring Security with JWT token for access control between front-end and back-end.
- Implemented RabbitMQ for messaging service and Elasticsearch for keyword search functionality (Logstash for sync data).

PROJECT EXPERIENCE

Stroke Rehabilitation App (Mobile Development)

Mar 2022 - Jun 2022

Mobile developer

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- Designed and developed mobile applications on three platforms including Android(Kotlin), iOS(Swift) and Cross Platform(Flutter/Dart).

Personal Blog Platform (Grails)

Mar 2022 - May 2022

Full-stack developer

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- Implemented a blog platform using Grails web application framework.
- Developed an intuitive content management system allowing users to create, edit, and delete blog posts with a rich text editor. Enabling users to organize blog posts into categories and apply tags for improved discoverability.

EDUCATION

University Of Tasmania

Feb 2021 - Nov 2022

Master of Information Technology and Systems

Hobart

- Intelligent and Secure Web Development (PHP/Node.js, MVC)
- Software Application Design and Implementation (C#, .NET SDLC, Agile, MySQL)
- Web Development (PHP, jQuery, AJAX)
- Mobile development (Kotlin/Java, Swift, firebase)
- Cross-platform app development (Flutter)

REFEREES

Byeong Ho KANG

Professor, School of ICT

University of Tasmania

0 3 6226 2919 | 0 457 251 203

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Byeong is my immediate supervisor of current job.

Jimmy Hu

Data and application technician

Forico Pty

Launceston, Tas

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Jimmy was my colleague. We worked together from Aug, 2022 to Jan, 2023.