

Darcy Hu

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Career Profile

Results-driven and innovative Software Engineer with 1+ years of comprehensive experience in full-stack web application development. Demonstrates proficiency in both frontend and backend development. Possesses extensive experience in CI/CD practices, DevOps strategies, and leveraging AWS Cloud Services. Proven ability to thrive in agile development environments, ensuring timely and efficient project delivery.

Skills

Front-end: HTML / CSS / JavaScript / TypeScript / ReactJS / Jest / yarn / rollup.js / webpack / gulp.js / next.js / TailwindCSS

Back-end: Java / Node.js / Python / Shell script / Spring Boot / Spring Data JPA / Junit / YAML / XML

Game: Cocos Creator

Architectures: Microservices / Event Bus

Development Tools & Platforms: Git / Jira / Taiga / Postman / Swagger / GitLab CI/CD / Jenkins / Docker

Data: MySQL / MongoDB

Cloud Services: AWS lambda / AWS dynamoDB / AWS S3 / Amazon API Gateway

Methodologies: Agile / Scrum

Certification

AWS Certified Solutions Architect - Associate

Feb 2024 - Feb 2027

Working Experience

Growild Technology Pty Ltd. *(Division of Pocket Games Soft)*

Sydney, Australia

Frontend Software Developer *(including 3-month internship)*

Apr 2023 - now

- Developed web-based dynamic SPA plugins using **React**, **Typescript**, **Next.js**, **HTML** and **Tailwind CSS**
- Developed game logic in **TypeScript** using the H5-based **Cocos Creator**, focusing on performance and efficient code.
- Utilized **Rollup** and **Gulp** for efficient bundling and task automation, streamlining the development process.
- Deployed the project to the development environment using **GitLab CI/CD** and configured **Jenkins** for automation.
- Wrote comprehensive unit tests with **Jest** to ensure code quality and functionality, focusing on critical paths.
- Worked closely with Backend, QA, UI and artists in an **Agile** team to development html5 version slot games.

Guimu Robot Co., Ltd.

Chengdu, China

Intern Full Stack Developer

Sep 2021 - Dec 2021

- Used **JPA** to read and write data to a **MySQL** database, and utilized third-party tools for data visualization.
- Employed Spring Aspect-Oriented Programming (**AOP**) for efficient logging throughout the application.
- Deployed utilities on **Docker**, using **gRPC** for efficient microservices communication.
- Re-engineered 20+ **Restful APIs**, replacing original RPC APIs and completed associated services.
- Developed **JUnit** tests for various services in the business layer, ensuring reliability and functionality.

Education

Master of Information Technology: The University of New South Wales

Feb 2021 - Jan 2023

Bachelor of Electronic Engineering: Chongqing University of Technology

Sep 2016 - Jul 2020