

Jiaqi Cheng

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PROFESSIONAL SUMMARY

A passionate IT professional with a strong foundation in software development, focusing on front-end, back-end, and automation technologies. Proven experience in delivering high-quality projects in various roles, including UI/UX design, backend development, and robotic process automation. Adept at collaborating in cross-functional teams, leading testing initiatives, and ensuring on-time, well-tested project delivery. Financial background enhances understanding of market processes, allowing informed decision-making in tech-driven financial environments. Committed to continuous learning, innovation, and contributing to challenging roles in technical IT and finance-related technology fields.

EDUCATION

2022 – 2024 Flinders University

Master of Information Technology – GPA: 6.58/7.0

2018 – 2022 Hainan University (China)

Bachelor of Finance – GPA: 3.71/4.0

Certifications

Amazon AWS Cloud Certifications:

- AWS Certified Cloud Practitioner – Sep 2022 - April 2027
- AWS Certified Developer (Associate) – Jan 2023 - Jan 2026
- AWS Certified Solution Architect (Associate) – April 2024- April 2027

FreeCodeCamp

- JavaScript Algorithm and Data Structures – June 2023

Ui Path

- UiPath Certified Professional Automation Developer Associate – March 2024 – March 2027

Skills

Frontend: React Framework, JavaScript, Vite, NextJS, Vercel, Node.js.

Backend: Java, Spring Boot, Spring Cloud, Mybatis-Plus, Docker, Elastic Search, RabbitMQ, etc.

Testing: Junit, Jest.

Database: MySQL, Supabase.

Additional Skills: C++ programming, LeetCode 150+ problems solved with C++, AWS cloud services, Agile Methodology, Git, GitHub.

Communication Ability: IELTS Band 7.5, active participation in team meeting/discussion, willing to solve hurdle technical tasks with team members.

Academic Program (3 Projects)

Fast-Pizza

- **Project link:** <https://fast-react-pizza-rho-silk.vercel.app/>
- An application enables customers to order their favorite pizza.
- Individual project using the cutting-edge Full-Stack framework Next.js, tailwind, Supabase DB, and many corresponding technologies.
- Customers can select the pizza, number of the pizza and checkout in the cart.
- The application will show the cart and the current delivery status.

The Wild Oasis

- **Project link:** <https://the-wild-oasis-nextjs-demo.vercel.app/>
- An application wild cabin hotel enables customers to book the wild cabin hotel for their holiday.
- Individual project using the cutting-edge Full-Stack framework Next.js, tailwind, Supabase DB, and many corresponding technologies.
- Guests can edit their bookings and account information.
- Guests can use third party authentication platform like Google to login.
- Guests can book new cabins in the coming holiday, pick up the duration date, select cabins they want by sorting the capacity of the cabins

Psychological CaRe System

- Team project using original HTML, CSS, vanilla JavaScript that builds for mental disorder patients to record their cure progress, daily

- activities, habit, mental status so that therapist can later on check their status and do corresponding prescriptions.
- All users are categorized into three parts: patients, therapists and supervisor.
 - Design team using Figma to create intuitive and user-friendly layouts, ensuring seamless navigation and an optimal user experience. Easy to use for patients to update their current status.
 - The project enable therapist to monitor the patients' status in real-time, such as checking their daily moods, group them based on their mental status including good, bad, danger status. Danger status patients will be reported to supervisor for more medical advice on time.
 - Patients can be sorted based on status, gender, age, mental disorder type.

Internship & Working Experience (3 positions, 1.5 years)

Full-Stack Developer - Flinders Chemical Management System (On-Site)

March 2024 – September 2024

React-TypeScript, NextJS, Git, GitHub, Jest library, Figma, Azure service, Agile Methodology.

- **Project Link:** <https://comp-9034-dev-ops.vercel.app/login>
- **UI Design and Development:** Key member of the initial UI/UX design, collaborated closely with the design team using Figma to create intuitive and user-friendly layouts, ensuring seamless navigation and an optimal user experience. Delivered UI components that improved user interaction by reducing task time by 20%.
- **Testing Leadership:** Led the testing phase, implemented unit tests using Jest for backend API, resulting in identifying critical bugs early and reducing the bug-fix cycle by 30%. Utilized Azure DevOps to report test results, facilitating better communication with the backend development team.
- **Frontend Development:** Contributed significantly to Single Page Application (SPA) development, ensuring components were reusable and easily maintainable. Successfully completed the frontend development one week ahead of schedule, supporting a smoother project handoff.
- **Impact:** Delivered a robust, well-tested system half a month ahead of schedule, meeting all requirements without major issues during user acceptance testing, which was recognized by the university for excellence in project delivery.

Backend Java Developer - Restaurant Online Order System (Remote)

May 2022 – January 2023

Spring Boot/Spring Cloud, Git, Github, Java, My-Batis, Docker, MySQL, Redis, Cloud-Service deployment.

- **Backend Development:** Worked as a backend developer for a Chinese IT company, contributing to the ER diagram design and ensuring an efficient and scalable database structure using MySQL. Integrated Redis for caching, improving system responsiveness for high-traffic scenarios.
- **API Implementation & Cloud Deployment:** Deployed the backend services on cloud platforms, ensuring security and scalability. Developed and tested multiple RESTful APIs, supporting smooth integration with the frontend and enhancing the system's functionality.
- **Collaboration and Delivery:** Coordinated closely with the testing team to validate and debug the software, resulting in an on-time delivery of the product, which received high praise from stakeholders for reliability and robustness.

Senior RPA Engineer Robotic Process Automation (On-Site)

October 2023 – February 2024

Ui Path/Intelligence Indeed, python, pandas, numpy progress control.

- **China Telecom Qualification Audit:** Delivered an RPA project for China Telecom, automating the user qualification audit process. This reduced manual workload by over 60%, significantly improving operational efficiency. Maintained the system post-delivery, ensuring continuous smooth operation
 - **Shenzhen Subway Employee Coupon Issuance:** Developed an automation project for Shenzhen Subway to manage employee coupon issuance and statistics. Automated the issuance process, reducing errors and processing time by 50%. Managed the deployment and ongoing maintenance, ensuring consistent performance.
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