Yingzi Zhuang

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Graduate Developer

[LinkedIn](#)   [Portfolio](#)   [Github](#)

Career Objective

Detail-oriented Web Developer with a Master's in Interaction Design and expertise in front-end development, user-centered design, and e-commerce. Seeking to apply my technical and creative skills to build impactful digital solutions, with a strong interest in tech innovation and impactful digital solutions that enhance user experiences.

Technical Skills

Front-End Development	Proficient in **HTML5, CSS3, JavaScript, TypeScript**, Flutter and front-end library/framework like **React.js, Next.js, jQuery, Tailwind and Bootstrap.** Experienced in using **Webpack and AJAX (axios)** for efficient web development and data handling.
Back-End & Database Management	Skilled in **Python, Node.js, and SQL**. Experienced in building and managing **APIs**, including **RESTful API and GraphQL,** as well as working with relational databases.
Cloud & DevOps	Familiar with **AWS cloud services** (API Gateway, EC2, Lambda, S3) and version control using **Git**, **Webpack** for module bundling
UI/UX Design	AdobeCreative Suit(Photoshop,Illustrator,XD,InDesign,CreativeCloud),Figma, Canva, User Research Method, Usability Testing

Education

Self-Study   01/2023 - Now
Udemy.com, Online
- *Udemy Certificate: The Complete 2023 Web Development Bootcamp.*
- *Udemy Certificate: JavaScript Algorithms and Data Structures Masterclass*
- *Udemy Certificate: Modern React with Redux.*

Master of Interaction Design   07/2021 - 07/2023
University of Queensland, Brisbane
Special interest in: User-Centered Design, Human-Computer Interaction, Software Development, Web Development, Physical Computing, Digital Prototyping, Information System

Bachelor of Industrial Design   07/2017 - 07/2021
University of Science Technology Beijing, Beijing, China
Key learning areas included: Ergonomics, Composition Foundation, Design Methodology, Product Design, Visual Communication Design, Interface Design, Service Design, Computer-Aided 2D and 3D Design, Calculus, Engineering Physics

Project

Game Market Tracker | React.js, RESTApi, AWS API Gateway

*A **React-based** web application that tracks in-game market trends for mmorpg players by analysing and displaying real-time item price and availability across different data centers, and enables uploading custimized item lists to get structural items information. Integrated several related **API** and used **API** **Gateway** for **IP rotation** to realize **lower latency interaction**. Designed with **modular architecture** and robust API handling, enhancing user experience and helping players make informed market decisions.*

POS System Ecuador |Flutter, Firebase, python

Developed a comprehensive Point-of-Sale (POS) system tailored for small-scale users in Ecuador, currently in active use. The system includes key features such as payment management, invoicing processes, customer management, and inventory management. Built using Flutter for the front-end, Python for back-end logic, and Firebase for real-time database and authentication services.

Employment History

Web Developer Intern
Mastery Institute Australia, Brisbane   **07/2024 - Now**

- *Designing and Developing e-commerce platform*
  Creation of a fully functional e-commerce page, including product listings, payment gate way integration and a user-friendly interface.
- *Integrating Square for seamless e-commerce transactions*
  Utilized Square to manage online sales, enabling streamlined transaction processes and efficient inventory management. Improved ease of use for both customers and the internal sales team by automating the payment and sales tracking system.
- *Optimizing digital marketing through SEO, boosting site performance*
  Applied advanced Search Engine Optimization techniques during website development. Focused on keyword research, metadata optimization and content enhancements to improve the company's online visibility.
- *Designing marketing collateral, including flyers, posters, brochure and social media posts*
- *Regularly maintaining and updating the company's website*
- *Performing daily administrative tasks using database and Excel.*

UX Designer Intern
Caipo Technology Education, Guangdong, China   **06/2020 - 10/2020**

- *Planned and executed research activities that help to undercover customer needs*
- *Created intuitive designs for complex problems and rapidly iterated through customer testing of interactive prototypes*

Personal Attributes

- **Communication Skills**
Producing research reports, deliver presentation and communicate with both team members, tutors and professors in university projects. Providing exceptional customer service and assistance through daily interaction with a diverse range of clients and team members.
- **Problem Solving and Use of Initiative**
Ability to make informed decisions and take ownership in providing solutions to customers while working in the hospitality sector.
- **Strong Learning Ability**
Demonstrated a high aptitude for learning new skills and handling technical difficulties in an efficient and prompt manner through utilising analytical skills and critical thinking.
- **Adaptability and Time Management**
Adapting flexibly to new environments and continuously learning, acquiring new skills and knowledge in university projects. Submitting high-quality assignments on time.

References

Reference Letter - Yi-En Lin