

Linyi (Roy) Huang

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Full-Stack Developer | AWS-Certified Cloud Engineer

[linkedin.com/in/linyi-huang](https://www.linkedin.com/in/linyi-huang)

Experienced in React, Node.js, and AWS, delivering production-ready web apps in fast-paced teams

Professional Experience

OM Lending Pty Ltd

Web Developer

Oct 2025 – Present

Hobart, TAS

- Renovated five company websites within the first month, improving modernising the firm’s online presence.
- Initiated development of an internal client management system to replace fragmented tracking and storage.
- Streamlined data handling and document workflows, laying the foundation for digital transformation.

Tech stack: Next.js, Vercel, PostgreSQL, Shadcn

CognixAI

Backend Developer

Oct 2024 – Jul 2025

(Remote) Australia

- Shaped the backend architecture for an AI-powered LinkedIn automation platform, ensuring scalability and smooth integration between core modules.
- Streamlined development and deployment through clear service boundaries and CI/CD workflows.
- Improved reliability and responsiveness by introducing asynchronous processing and well-documented APIs for cross-team collaboration.

Tech stack: Node.js, Express, OAuth2, MongoDB, AWS ECS, SQS, API Gateway, GitHub Actions

Limtex Garment Co. Ltd

Export & Trading Coordinator

Dev 2015 – Jan 2021

China

- Coordinated cross-border logistics and client communication between Europe and China, ensuring on-time delivery and regulatory compliance.
- Developed process tracking spreadsheets and dashboards to improve visibility of shipments.
- Built strong communication, documentation, and problem-solving habits that now inform my approach to project and system management.

Project Experience

Travel Craft

<https://tc.linyi-dev.com/>

AI-power itinerary planner that generates, edits, and exports personalised travel plans.

- Designed an interactive travel-planning web app that uses the OpenAI API to generate editable, day-by-day itineraries based on user preferences.
- Integrated Mapbox for route visualisation and Google OAuth2 for secure user authentication.
- Built a responsive React + Firebase Functions stack for a smooth, serverless user experience and seamless export to .ics calendar format.

Tech stack: React, Redux, Firebase Functions, OpenAI API, Mapbox, Google OAuth2

Dec 2024 – Jan 2025

Resume Formatter

Automated resume parser and formatter for a local recruiter.

- Replaced manual data entry with an AI-assisted resume processing pipeline that extracts and restructures candidate information using AWS Textract and the OpenAI API.
- Automated the generation of clean, standardised resume outputs, streamlining recruiter workflows and ensuring consistent presentation.
- Integrated secure storage and access via S3 and API Gateway, ensuring reliability and data confidentiality in day-to-day internal use.

Tech stack: AWS Textract, OpenAI API, AWS Lambda, API Gateway, S3

TasTest Dashboard

Mar 2023 – Nov 2023

Medical research dashboard for dementia risk analysis.

- Collaborated with researchers at the University of Tasmania to turn complex data into an accessible, interactive dashboard for dementia-risk studies.
- Led front-end development with React and Redux, creating reusable components.
- Built a secure backend, implementing role-based access control and authentication to ensure compliance.

Tech stack: React, Redux, TypeScript, Node.js, Express, MySQL, JWT

Skills

Languages & Frameworks	JavaScript (Node.js), TypeScript, React, Next.js, Python, C# (.NET Core)
Cloud & DevOps	AWS (Lambda, API Gateway, S3, SQS, ECS), Docker, GitHub Actions, CI/CD
Databases	MongoDB, PostgreSQL, Firebase, Supabase
Application Design & APIs	RESTful API design, Authentication & Authorisation (OAuth2, JWT), Data modelling, Third-party API integration (Mapbox, OpenAI)

Education & Certification

University of Tasmania	Jun 2021 – Jul 2024
Bachelor of Information Communication Technology – Computer Science	
Amazon Web Services	Aug 2024 – Aug 2027
Certified Solution Architect Associate	

Open-Source Contribution

Unjs/Unifont	https://github.com/unjs/unifont
Contributed a pull request to Unjs/Unifont proposing local font loading via @fontsource, improving offline performance and reducing CDN dependency.	

References

Mr. Guan Huang	TASTest project manager	guan.huang@utas.edu.au	0420 460 220
Mr. Raf Jabra	CognixAI project manager	raf@cognix.au	0385 949 780