Li-Sung Ou

Full Stack Developer | .NET · React · TypeScript · Azure
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SUMMARY

Full Stack Developer with a Bachelor of Information Technology / Business Management (University of Queensland) and eight months of professional React and TypeScript experience. Designed, built and deployed Resumade, a live full-stack SaaS that helps job seekers applying to many roles import an existing PDF resume, tailor it to each job description with AI suggestions they review and edit, backed by an ASP.NET Core 10 API, PostgreSQL, a Next.js front end and hardened authentication. Combine security-minded backend engineering with business analysis and Scrum leadership, translating requirements into maintainable software and explaining technical trade-offs to non-technical stakeholders. Seeking a full stack developer role on a C#/.NET, React and Azure team.

PROJECTS

Resumade: AI Resume Tailoring Tool for Job Seekers | resumade-zeta.vercel.app | github.com/PeterOu8/Resumade
Tech Stack: .NET10, C#, PostgreSQL, Next.js, Auth.js, JWT, React, TypeScript, Azure App Service

- Designed and built the whole workflow a job seeker repeats for each application: import an existing PDF resume, edit it with rich text, drag-and-drop sections and templates, tailor it to a job description, and export a PDF. Live and publicly accessible.
- Kept the user in control of AI suggestions: a backend proxy sends the resume and job description to the provider the user chooses (multiple providers, bring your own API key), validates the response against a schema, and shows a preview the user edits before anything is saved. Requests are capped at 500 KB with a 90-second timeout.
- Engineered authentication and account security: email/password and Google sign-in, email verification and password reset through single-use, hashed, expiring tokens, lockout after five failed sign-ins, and a security-version claim that invalidates existing JWTs when a password is reset.
- Defended the public API against abuse and bad input: per-IP rate-limit policies for authentication, parsing and AI requests, start-up validation of CORS origins and trusted-proxy settings, JWT issuer, audience and lifetime validation, and owner-scoped resume access.
- Integrated resume parsing to correctly convert raw text into structured semantic data and generate editable, job-specific resume previews.
- Deployed the API to Azure App Service with hosted PostgreSQL and the front end to Vercel, managing secrets, CORS and Auth callbacks through environment configuration.

EXPERIENCE

Web Developer Intern **Mar. 2026 – Oct. 2026**
Meta Cellular

- Delivered responsive, reusable React and TypeScript components and pages from design mockups for internal company tools.
- Integrated front-end features with REST APIs, implementing data display, form validation, and loading and error states.
- Diagnosed and resolved layout and functional defects with browser developer tools, improving usability across mobile devices.
- Worked in a Git-based team workflow, taking part in code reviews and applying team conventions, debugging techniques and maintainable coding practices.
- Collaborated with developers and designers to clarify requirements, test changes and document implementation details.

SKILLS

Back end: C#, .NET 10, Entity Framework Core, REST APIs, JWT and OAuth/OIDC authentication, PostgreSQL, SQL Server, Java, Node.js
Front end: TypeScript, React, Next.js, JavaScript (ES6+), HTML5, CSS, Tailwind CSS, Auth.js
Cloud and DevOps: Azure (App Service), Docker, Git, GitHub Actions, Vercel, Neon (PostgreSQL), Linux
Testing and practice: xUnit, Vitest, integration testing, TDD, code review, secure development (OWASP-aware), Agile/Scrum, SDLC
AI integration: LLM provider APIs, prompt and response-schema design, human-in-the-loop AI workflows, AI-assisted development

EDUCATION

The University of Queensland
Bachelor of Information Technology/ Business Management Major in Software Design and Marketing

Awards

- **Best Software Project**, Innovation Showcase 2022, University of Queensland
  - Scrum master for the inventory team in a Scrum team building the Java rogue-lite game "Atlantis Sinks"; designed and implemented data structures and features for diverse game objects and aligned delivery with the other feature teams.

- **Best UX Design and Project with the Most Commercial Potential**, Innovation Showcase 2023, University of Queensland
  - Contributed to an agile team building "Sprout", a wearable device using Arduino, React, Python and JavaScript.