Yilang (Leon) Wu

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SUMMARY

- Recent graduate of Bachelor of Engineering (Software) (Honours) degree with Honour Class 1.
- 4+ years of coding experience, proficient in JavaScript/TypeScript and React, with solid experience in Vue and API development using Node.js and Flask.
- 1+ years of industrial experience in web frontend development, with extensive practice of Agile and Scrum methodologies in industrial environments.
- Self-motivated learner who is excited about embracing and utilising new technologies.

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript ES6/ES7/ES8, TypeScript, React, Next.js, Redux, Zustand, Vue (Vue2/Vue3), Vuex, Pinia, GraphQL, npm, Yarn, webpack, ESLint, MUI (Material UI), Boostrap 4/5, Ant Design, Responsive Design, Cypress, Jest.
Backend: RESTful APIs, Node.js, Espress.js, Prisma, Python, Flask, SQLAlchemy, JWT Token, Pytest.
Database: SQL, PostgreSQL, SQLite, MongoDB.
Cloud Service: AWS Lambda, AWS S3, Terraform, Netlify, Heroku, MongoDB Cloud (Atlas).
Develop Tool & Software: Git, GitHub, GitLab, Jira, Confluence, Postman.
Methodologies: Agile, Scrum, Kanban, Test Driven Development, Behavioural Driven Development.

RELEVANT EXPERIENCE

Intern Frontend Developer   May 2023 - Jun 2023
Tencent   Shenzhen, China
- Contributed to the developments of the internal tools for labeling content on Tencent's social platforms and a component embedded in Tencent's internal CRM system.
- Developed and debugged labelling templates and implemented other UI/UX features of internal systems, significantly increasing the usability of the internal softwares.
- Proactively facilitated clear communication between the development team and product team, ensuring alignment on the rapidly-changed project requirements.
- Technical stack: TypeScript, Vue2, Element UI and Vuex for labelling system; TypeScript, Vue3, Element Plus and Pinia for internal CRM system.

Intern   Dec 2022 - Mar 2023
InterSystems Australia   Sydney, NSW
- Leveraged VMware WorkStation Pro to localized the company's server-based automated testing platform to developers' Windows OS, significantly increased development eficiency by eliminating the waiting time to test their software.
- Enabled communication amongst the virtual machines and the local machine using Windows Command-line Management Tool and Windows Task Scheduler.
- Modified the frontend and backend of the task allocator of the testing system for localization using HTML, CSS, JavaScript and ObjectScript (InterSystem's programming language).
- Facilitated daily stand-ups, initiated Scrum meetings at the beginning and end of each sprint, and managed the Kanban board and backlog using Jira.

Software Engineering Intern (Frontend)   Jan 2022 - Dec 2022
Joidea Group   Sydney, NSW
- Participated in the frontend development of a university student social platform. URL: https://members.mygrowth.community/.
- Developed serveral major frontend functionalities, including messaging functionality and UI/UX related features in the social platform.
- Collaborated closely with backend engineers and product teams to align frontend development with server-side logic and project requirements, ensuring seamless integration and consistent communication throughout the development lifecycle.
- Assisted in the training program of the company by acting as distinguished representative to share technical knowledges and experience with new interns.
- Technical Stack: ReactJS, Umijs (a React production framework similar to Next.js), LESS and Ant Design.

RELEVANT PROJECT

Student Internship (InternHub)
Software as a Service Project, UNSW
- Created a student internship platform that enables students to search and apply internships and enables recruiters to post job vacancies, in a group of six.
- Implemented the frontend of authentication features (login, register, forget password, etc.) as a developer.
- Planned and led regular scrum meetings and stand-ups, created and modified backlogs, facilitated the communications and resolved conflicts between frontend and backend team, as the Scrum master.
- Technical Stack: JavaScript, React and MUI (Material UI) for frontend; Python, Flask, postgreSQL and SQLAlchemy

for back-end; Jira and Confluence for project managements.
- Git repository: https://github.com/200OK-Forever/student-internship/.

Real Estate App

Individual Project
- Created a real estate web application that enables users to search for and list properties for sale and rent.
- Technical stack: JavaScript, MongoDB, Espress.js, React, Node.js (MERN), Prisma for ORM, and Cookies for authorization.
- Repository: https://github.com/Leon-wyl/Real-Estate-App.

Delta Sky Weather Service

Software Workshop 3, UNSW
- Developed an weather data visualization service using the API provided by the Bureau of Meteorology over a 10-week period.
- Frontend technical stack: JavaScript, React, GraphQL, AntV for data visualization. Repository: https://github.com/Leon-wyl/Delta-Sky-Weather-Service-Frontend.
- Backend technical stack: Python, AWS Lambda, S3, Terraform, GitHub CI/CD pipelines. Repository: https://github.com/Leon-wyl/Delta-Sky-Weather-Service-Backend.

AirBrB

Web Front-end Programming UNSW
- The frontend of a simpler version of Airbnb with the functionalities of posting, editing, deleting, viewing, searching, booking and unbooking of listings.
- Technical Stack: JavaScript, React, Ant Design, React Context, and Cypress to perform End-to-End testings.
- Integrated Google Map API.
- Github repository: https://github.com/Leon-wyl/AirBrB.

leonyilangwu.com

Individual Project
- A developing personal porfolio website that briefly introduce myself.
- Technical stack: ReactJS, Next.js, Tailwind and Framer Motion to implement animations.
- Deployed using Netlify. URL: leonyilangwu.com
- Repository: https://github.com/Leon-wyl/Leon-wyl.github.io/.

VOLUNTEER EXPERIENCE

Frontend Developer   Oct 2023 - Present

UNSW IT Creation Society   Sydney
- Developing part-time job seeking web application of the society.
- Co-lead a 6-people frontend development team; organized weekly meetings and code reviews.
- Bridged technical and non-technical teams by translating complex software solutions into understandable terms for cross-departmental teams, enhancing collaborative efforts and project comprehension.
- Technical stack: TypeScript, React.

EDUCATION

Bachelor of Engineering (Honours) (Software)   Feb 2020 - Dec 2023

University of New South Wales   Sydnew, NSW
- Honour Level: Honour Class 1
- Related courses: Algorithms and Programming Techniques [HD/94], Computer Networks and Applications [HD/91], Neural Networks and Deep Learning [HD/87], Web Front-end Programming [HD/85], Data Structures and Algorithms [HD/85], Software as a Service Project [DN/83], Big Data Management [DN/81].