Melody Yuen

Junior Software Developer | 07774 195 561 | melody.yuen@icloud.com | Staines | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

PERSONAL STATEMENT

Highly motivated Software Developer with 2+ years' experience in hybrid mobile app development and recent training in JavaScript, Node.js, and React, skilled in delivering reliable, user-focused solutions. Adept at problem-solving, teamwork, and Agile methodologies, with a strong commitment to continuous learning and technical excellence.

TECHNICAL SKILLS

- **Languages**: JavaScript, TypeScript, Python
- **Frontend**: HTML, CSS, React, Tailwind CSS, Angular
- **Backend**: Node.js, Express.js, RESTful APIs
- **Databases**: PostgreSQL, Firebase Firestore
- **Mobile Development**: React Native (Expo), Ionic
- **Testing**: TDD (Test Driven Development), Jest, Supertest
- **Practices**: Agile, Scrum, Kanban, CI/CD (Continuous Integration and Continuous Delivery)
- **Tools**: Git, GitHub, GitHub Actions, Supabase, Render, Netlify

PROJECTS

Work-XP Mobile Application | React Native, TypeScript, Firebase, Expo | [GitHub](#)

- Built a React Native (Expo) app with TypeScript in an agile team of 6 to connect students with short-term work opportunities and businesses with hiring needs.
- Implemented secure authentication with Firebase and real-time chat with Firestore.
- Integrated Cloudinary for image uploads and React Native Paper for UI components.

NextCore News Web Platform | Node.js, Express, PostgreSQL, React, Tailwind CSS | [GitHub](#)

- Built a news platform enabling interactive article browsing and community engagement where users can view articles, comment and vote.
- Implemented a RESTful API handling the data.
- Developed a responsive React front-end with intuitive navigation and dynamic content.
- Applied TDD with Jest and Supertest; deployed backend on Render, frontend on Netlify.

EXPERIENCE

Trainee Software Developer | Northcoders

Dec 2024 - Mar 2025

- Intensive training in JavaScript, Node.js and React full-stack development.
- Built and deployed multiple full-stack applications using TDD and Agile methodologies.
- Enhanced collaborative strategies through paired programming and team-based projects.

AI Trainer (Independent Contractor) | Outlier

Sept 2024 - Dec 2024

- Improved AI-generated responses using Reinforcement Learning from Human Feedback (RLHF) techniques, with a focus on coding tasks.
- Corrected and refined AI-generated code to ensure accuracy, reliability, and functionality.

Career Gap

2021 - 2024

- Relocated from Hong Kong to the United Kingdom.
- Practised prior development skills while undertaking self-study in JavaScript and Node.js.

Software Developer | Gleneagles Hospital Hong Kong

May 2019 - July 2021

- Developed hybrid mobile applications using Ionic (Angular), improving staff workflows.
- Built and maintained web applications, enhancing internal processes and usability.
- Integrated Python RESTful APIs and contributed to backend modifications.
- Assisted in system monitoring development with C# and conducted unit and integration testing.

EDUCATION

Bachelor of Social Sciences | University of Hong Kong

Sept 2013 - June 2018

- Graduated with a **2:1**
- **Major**: Psychology | **Second Major**: Computer Science
- **Relevant Coursework**: Computer Programming, Data Structures and Algorithms, Artificial Intelligence, Software Engineering, Object-Oriented Programming and Java, Web Technologies, Advanced Database Systems
- **Exchange Programmes**:
  - Keio University, Japan (6 months) - Japanese Language and Cultural Studies
  - Yonsei University, South Korea (4 months) - Computer Graphics and Social Sciences

Hong Kong Diploma of Secondary Education | True Light Middle School of Hong Kong

Sept 2007 - June 2013

- **Information and Communication Technology (with Programming elective)**: 5* (A equivalent)
- **English Language**: 5 (A equivalent)

LANGUAGES

- English (Fluent)
- Cantonese (Native)
- Mandarin (Fluent)

INTERESTS

- Drawing (pencil sketching, watercolor)
- Photography (portraits, travel, self-published photo books, Photoshop editing)