

Melody Yuen

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

PERSONAL STATEMENT

Junior Software Developer with 2+ years of experience in hybrid mobile apps and recent full-stack training in JavaScript, Node.js, and React. I enjoy building user-friendly products and thrive in agile, collaborative teams. Experience in healthcare, AI, and personal projects has strengthened my adaptability, problem-solving skills, and commitment to continuous learning and growth.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, Go (basic)

Frontend: HTML, CSS, React, Tailwind CSS

Backend: Node.js, Express.js, RESTful APIs

Databases: PostgreSQL, Firebase Firestore

Mobile Development: React Native (Expo)

Testing: TDD (Jest, Supertest)

Tools: Git, GitHub, GitHub Actions

Practices: Agile (Scrum, Kanban), CI/CD, paired programming

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 post articles, comment, vote, and explore content by topic.
- 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

- Completed intensive full-stack training with JavaScript, Node.js, React.
- Built and deployed multiple full-stack apps using TDD and Agile methodologies.
- Strengthened collaboration through paired programming, Git workflows, and team projects.

AI Trainer (Independent Contractor) | Outlier

Sept 2024 - Dec 2024

- Reviewed, corrected, and debugged AI-generated code outputs.
- Applied reinforcement learning techniques to improve coding task accuracy and reliability.

Career Gap

2021 - 2024

- Relocated from Hong Kong to the United Kingdom.
- Undertook self-study in JavaScript and Node.js to maintain and develop technical knowledge.
- Self-published a photobook, applying project management skills.

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.
- Collaborated on system monitoring development with C#.

EDUCATION

Bachelor of Social Sciences (2:1) | University of Hong Kong

Sept 2013 - June 2018

- **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
- **Academic Project:** A Navigation System for Wheelchair Users in HKU Campus | Swift, Mapbox SDK
 - Built an iOS app to help wheelchair users find accessible routes across campus.
- **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)

CERTIFICATES

- Intro to GoLang | 01Founders (2025)
- Software Development Bootcamp in JavaScript | Northcoders (2025)

LANGUAGES

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

INTERESTS

- Photography: Portraits and travel, with experience in editing and self-publishing photobooks.
- Drawing: Pencil sketching and watercolor.