

# Melody Yuen

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

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## PERSONAL STATEMENT

Highly motivated Software Developer with over two years of experience in hybrid mobile app development and recent expertise in full-stack web experience. Skilled in JavaScript, TypeScript, React, and React Native, 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

- Programming Languages: JavaScript, TypeScript, Python
- Front-end: HTML, CSS, React, React Native, Tailwind CSS, Material-UI, Angular
- Back-end: Node.js, Express.js, RESTful APIs
- Databases: Relational - PostgreSQL | NoSQL Database - MongoDB, Firebase Firestore
- Mobile Development: React Native (Expo), Ionic Framework
- Testing: TDD (Test Driven Development), Jest, Supertest
- Practices: Agile, Scrum, CI/CD (Continuous Integration and Continuous Delivery)
- Tools: Git, GitHub, GitHub Actions, Supabase, Render, Netlify, Vite

## PROJECTS

### Work-XP Mobile Application | [Group Project](#)

React Native, TypeScript, Firebase, Expo

- Developed secure authentication using Firebase Authentication and real-time chat with Firestore.
- Integrated Cloudinary for image uploads and React Native Paper for UI components.
- Collaborated in a 6-member Agile team to deliver a scalable mobile solution.

### NextCore News Web Platform | [Frontend](#) & [Backend](#)

Node.js, Express, PostgreSQL, React, Tailwind CSS

- Built a RESTful API handling users, articles, comments, and votes.
- Applied TDD with Jest and Supertest; deployed backend on Render, frontend on Netlify.
- Created an interactive UI with React, React Router, and Axios for seamless user experience.

## PROFESSIONAL DEVELOPMENT

### Software Development in JavaScript - Skills Bootcamp | *Northcoders*

Dec 2024 - Mar 2025

- Intensive training in JavaScript, Node.js, and React full-stack development.
- Delivered multiple full-stack applications using TDD and Agile methodologies.

## EXPERIENCE

### AI Trainer (Independent Contractor) | *Outlier*

Sept 2024 - Present

- Simulated user interactions to enhance AI model responses using Reinforcement Learning from Human Feedback (RLHF) techniques.
- Refined AI-generated outputs by coding evaluation scripts and optimising responses.

## **Software Developer** | *Gleneagles Hospital Hong Kong*

May 2019 - July 2021

- Developed hybrid mobile applications using Ionic (Angular), improving staff workflows.
- 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 in Psychology | Second Major in Computer Science
- **Scholarship:** Rosita King Ho Scholarship, Centenary Scholarship Fund
- **Course Highlights:** Computer Programming, Data Structures and Algorithms, Artificial Intelligence, Software Engineering, Object-Oriented Programming and Java, Web Technologies, Advanced Database Systems

### **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 AND INTERESTS

- **Languages:** English (Fluent), Cantonese (Native), Mandarin (Fluent)
- **Interests:** Drawing (pencil sketching, watercolor, digital illustration with Procreate), Photography (portraits, travel, self-published photo books, Photoshop editing)