Wee Ki Jie

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EDUCATION

Nanyang Polytechnic | *Diploma in Infocomm & Media Engineering*   **2020 - 2023**

EXPERIENCE

Cognizant   **Full-Time**
Programmer Analyst Trainee   *Sep 2025 - Present*
- Supporting a large-scale, highly customized Dynamics 365 implementation for thousands of users, focusing on stability and security.
- Resolved complex production issues through reverse-engineering legacy code and remediating VAPT security findings.
- Managed releases, hotfixes, and data patches while working closely with IT and business teams to communicate risks and root causes.

Mobile Application Developer   **Internship**
EssilorLuxottica Asia Pacific Pte Ltd   *Mar 2022 - Aug 2022*
- Developed a mobile app for biometric facial measurement using ML Kit's Face Detection API to support progressive lens fitting.
- Built custom eyeglass detection and tracking models in PyTorch and applied OpenCV for lens contour extraction and optometric metric computation.
- Created a real-time AR eyewear virtual try-on web app with Jeeliz VTO and gesture-based interaction via MediaPipe/Handsfree.js, enhanced by secondary-camera hand pose tracking.

SKILLS

Languages HTML, CSS, Javascript, C#, Python, Java

Framework ASP.NET Core

PROJECTS

Project Management & Tracking System| *Infocomm System Project — Collaborated with SwiftX Solutions*   2023
- Developed a full-stack project tracking system to monitor individuals, tasks, and timelines across team-based projects.
- Implemented secure user authentication using ASP.NET Identity and designed responsive UI components with jQuery, Chosen.js, and Bootstrap.
- Integrated Entity Framework Core for database operations and Moment.js for accurate time tracking.
- Integrated EPPlus to support Excel export functionality for downstream data analysis.
- Practiced Agile Scrum methodology with daily standups, sprint planning, and review sessions.
- Emphasized version control, iterative development, and cross-functional collaboration.