

Yud Wong

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PROFESSIONAL SUMMARY

Software Engineer with hands-on experience building full-stack applications in Agile/Scrum environments, from REST API design to CI/CD automation and unit testing. Focused on writing reliable, tested, production-grade code.

TECHNICAL SKILLS

- **Languages:** Java, Python, TypeScript, JavaScript, Go, SQL, C, PHP, Assembly.
 - **Backend, Frontend & APIs:** REST APIs, Spring Boot, Node.js, JWT Authentication, React, HTML/CSS.
 - **Testing & DevOps:** JUnit, Mockito, Git, GitHub Actions, Docker, Agile/Scrum.
 - **Cloud, Databases & Data:** AWS, MongoDB, SQLite, BigQuery ML, Scikit-learn, TensorFlow, Power BI.
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PROJECTS

Poly Planner Pro | Full-Stack Developer | Fall 2024 – Spring 2025

- Developed a degree-planning web application with Engineering Student Services in an Agile/Scrum workflow, supporting students during Cal Poly's transition from a quarter to a semester system.
 - Built secure REST APIs using Java Spring Boot, with Junit and Mockito unit tests ensuring protected data persistence and multi-user scalability.
 - Implemented a responsive frontend using React TypeScript, followed by full deployment to AWS Cloud to ensure production reliability and scalability.
 - Established a CI/CD workflow with GitHub Actions, Storybook, and ESLint to automate testing and enforce code quality standards.
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WORK EXPERIENCE

OrderInsite | Data Analyst Intern | California | Summer 2025

- Built pharmaceutical inventory forecasting models using BigQuery ML and statistical methods.
- Developed a purchasing optimization algorithm that reduced procurement costs and improved inventory management.
- Created Power BI dashboards to visualize model outputs and support purchasing decisions.

Inno Idea Limited | Website Developer Intern | Hong Kong | Summer 2023

- Developed and deployed internal web applications using PHP, SQL, JavaScript, and jQuery.
 - Developed commercial websites for clients including Manulife Financial Corporation and Shopify and resolved production issues.
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EDUCATION

California Polytechnic State University, San Luis Obispo

- Bachelor of Science in Computer Science | September 2022 - June 2026
 - Relevant Coursework: Data Structures & Algorithms, Software Engineering, Operating Systems, Computer Networks, Distributed Systems.