

SUN FAI OSKAR WONG

New York, NY, United States

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Software Engineer

Experienced Software Engineer with over 15 years in software development and quality assurance. Specializes in designing and delivering secure payment systems, scalable cloud solutions, and full-stack applications across fintech, insurance, and e-commerce sectors. Demonstrates expertise in Java, PHP, AngularJS, NodeJS, React, and mobile development, with hands-on LLM integration (OpenAI, Claude, RAG) and AI coding tools (GitHub Copilot, Claude Code). Adept at creating high-volume, mission-critical platforms, automating workflows, and achieving tangible business results.

Core Competencies

Java / Spring Boot Development Program Management AI & LLM Engineering Business Strategy	Full-Stack Web Development Customer Relations AI-Assisted Development UI/UX Improvements	Payment & Fintech Solutions AWS Cloud Infrastructure Database Management Risk Mitigation
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Professional Experience

Smartone Telecom. Holdings Limited, Remote

Oct 2025 – Current

Senior Backend Engineer – Java Spring Boot/Node BFF

- Designed and implemented a Backend-for-Frontend (BFF) layer with Node.js, TypeScript, ReactJS, Java Spring Boot, allowing UI teams to deliver data-rich screens reliably for over 4 million customers.
- Led the delivery process from design to support, working with product and engineering teams to ensure RESTful APIs and GraphQL met UI needs.
- Led migration from Azure to on-premises, boosting reliability and cutting costs by 30% via architectural upgrades and standardized deployment.
- Enhanced team execution by optimizing CI/CD processes using GitLab + Menta, implementing repeatable pipelines and quality gates, which boosted delivery efficiency by 20%.
- Accelerated development and code reviews using GitHub Copilot and Claude Code.
- Coordinated release readiness (risk review, rollback planning, incident triage) and raised engineering quality through code reviews and shared standards.

Mitsui Sumitomo Insurance Group Holdings, Inc, Hong Kong, China

May 2025 – Aug 2025

Software Engineer – C#/Angular JS

- Delivered UI features using AngularJS with TypeScript + C#, translating business workflows into clean front-end flows and reducing process effort by ~20%.
- Helped modernize the company portal by improving accessibility, navigation, and usability, contributing to a 5% sales lift and 4% backlog reduction.
- Deploy the service using GitHub CI/CD integrated with Azure DevOps.
- Collaborated in an Agile SDLC setting by clarifying requirements, breaking down stories, estimating effort, aiding in sprint planning, and ensuring that "done" included testability and release readiness.

Vigor Gems and Jewelry Limited, Toronto, ON

June 2023 – May 2025

Full Stack Developer – AI Integration

- Designed and delivered customer/lead tracking systems using Python with Node.js, TypeScript + ReactJS, and NoSQL, improving lead visibility and follow-up conversion by ~20%.
- Built an AI chatbot on OpenAI/Claude APIs with RAG over product and CRM data, improving client acquisition by ~30% through prompt engineering, data-driven experiments, and feedback loops.
- Took ownership of delivery: scoped features, set milestones, coordinated stakeholder expectations, and ensured quality across development and rollout.
- Automated business workflows with LLM tools (prompt engineering, function calling, embeddings), reducing manual workloads and improving decision-making accuracy.

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Professional Experience (Cont.)

Payment Asia Services Limited, Hong Kong, China

June 2017 – May 2023

Software Engineer – Java/Spring Boot Payments

- Designed, developed, and maintained secure payment gateway systems using Java, Spring Boot, Node.js, ReactJS, and microservices architecture, handling over \$30M monthly transactions.
- Engineered scalable backend services to facilitate high-volume ACH routing and SWIFT wire transfers, integrating with MySQL and NoSQL databases to optimize transaction speed, security, and reconciliation.
- Spearheaded the implementation of ISO20022 messaging standards for cross-border payments, ensuring rich data structures and seamless interoperability across global banking networks.
- Led the team to develop several iOS and Android app point of sale systems by using Swift, Objective-C, Kotlin, and Java.
- Deployed AWS-based solutions, managing EC2, RDS, and Lambda environments, while maintaining source code using GitHub and AWS CodeCommit.
- Drove security and compliance improvements aligned to PCI requirements through continuous hardening and performance upgrades.
- Worked directly with business stakeholders to prioritize enhancements, clarify requirements, and deliver releases aligned with measurable business outcomes.

Jewelectric, Los Angeles, CA

June 2014 – Mar 2016

Software Engineer – Project Management and Mobile Engineer

- Developed a Bluetooth-enabled mobile application for wearable devices using Objective-C, Kotlin, and Java, and also achieved MFi certification.
- Conducted technical research and managed full-cycle hardware-software integration projects.
- Led agile-driven product development cycles and established strategic partnerships to accelerate market entry.

Vigor Gems and Jewelry Limited, Hong Kong, China

Sept 2009 – June 2014

Digital Marketing Executive – Full Stack Web Developer

- Executed multi-channel marketing campaigns (digital, print, and events), increasing qualified leads and improving customer retention 40% through targeted engagement strategies.
- Developed multi-platforms using Java, WebLogic, WebObjects, JavaScript, AJAX, JSP, and PHP.
- Improve SEO using best practices while protecting site integrity to increase traffic.
- Setting up AWS EC2 and S3 for cloud hosting of the Company's Web and Mobile Application.
- Managed international brand presence across major trade shows.

Education

Georgian College, Barrie, ON, Canada
Diploma, Computer Programming

May 2023 – Dec 2024

University of Southern California, Los Angeles, CA
Bachelor, Business Administration and Management

Sept 2003 – Dec 2004

Skills

- **Programming Languages:** Java (8/11/17), Spring Boot, Swift, Objective-C, Kotlin, PHP, C#, C++.
- **Web Development & Front-End:** HTML, CSS, AJAX, JSON, jQuery, ReactJS, AngularJS.
- **Back-End Development & Databases:** Python, NodeJS, Express, NoSQL, MySQL, SQL, Redis, Go.
- **Cloud Infrastructure:** AWS, Docker, Kubernetes, Git, Azure DevOps, Elastic, Dynatrace, Grafana.

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Professional Experience (Cont.)

- **Tools & Frameworks:** Microservices, Jenkins, REST, Agile, Maven/Gradle, Kafka, API Gateway, OAuth2/JWT.
- **AI & Machine Learning:** PyTorch, LLM APIs (OpenAI, Anthropic Claude), RAG, LangChain, Vector Databases, Prompt Engineering, Fine-Tuning, AI Coding Tools (GitHub Copilot, Claude Code, Cursor), Functional Programming.
- **Mobile App Development:** iOS (Swift, Objective-C), Android (Java, Kotlin), React Native.
- **Business Experience:** Project Management, Business Development, Client Relations, Agile/Lean, Software Development, Risk Management, Mentoring, Budgeting & Scheduling, and Forecasting.
- **Languages:** Native speaker in Cantonese, fluent in Mandarin and English.