Cody Wahl

Senior Manager / Technical Team Lead / Software Architect

Tokyo, Japan
Relocating back to Seattle
codywahl@gmail.com
codywahl.com
linkedin.com/in/codywahl
github.com/codywahl

EXPERIENCE

Gran Manibus, Tokyo, Japan — *Senior Manager, Solution Architect*

2024-Current

As a co-founding member of Gran Manibus' engineering team, a subsidiary of Sumitomo Corporation—one of Japan's largest conglomerates—I helped establish the company's technology consulting practice and led its first project to completion.

- Directed a globally distributed team of 12 engineers across 5 countries to deliver a $250,000 e-commerce platform in just four 2-week sprints under tight constraints.
- Established company-wide standards for development roles and cloud infrastructure, enabling scalable and efficient project delivery.
- Spearheaded the technical hiring process, creating interview content, and conducting evaluations, ensuring the selection of high-performing engineers.

Slalom, Tokyo, Japan — *Solution Architect*

2021-2024

- Architected and delivered an AI/ML-powered rail maintenance optimization system for Kawasaki Heavy Industries, showcased at Nvidia GTC2024 for its innovative use of Nvidia's cutting-edge route optimization technology, CuOpt.
- Improved backend performance for Beem's QR code payment system, reducing endpoint response times from over 8 seconds to under 1 second through a custom caching solution, AWS Step Function workflow enhancements, and database optimizations. This work supported the platform's first go-live milestone and was featured at the 2022 AWS Summit for Australia and New Zealand.
- Delivered a construction planning tool for Takenaka Corporation, one of Japan's largest construction firms, replacing a failed three-year effort by a prior contractor. Led a team of five to design and build a superior system in months, modernizing workflows and eliminating project delays.
- Founded and led Slalom Japan's Culture Committee, organizing 35+ events and 15+ tech talks annually to foster collaboration and inclusion. Recognized by leadership for boosting engagement and improving employee satisfaction survey results.

RightCrowd, Seattle, WA — *Solution Architect*

2017-2020

- Led the development of custom visitor management systems for Microsoft's 125-building Redmond campus and offices worldwide.
- Reduced check-in time by over 10 seconds, streamlining receptionist workflows and improving user experience.
- Collaborated with Microsoft's Lobby Experience team to capture feature requirements, prioritize backlogs, and deliver enhancements through iterative development and deployments.
- Designed and delivered custom extensions to RightCrowd's core product, integrating calendar systems such as Microsoft Outlook to access management.

SKILLS

Technical Leadership

Agile team management, cross-functional collaboration, multinational team leadership, backlog planning and management, sprint planning, technical story writing, mentoring and coaching, fostering collaboration, conflict resolution, technical interviews.

Programming Languages

TypeScript, JavaScript, Node.js, SQL, C#, Java, Python, .NET

Cloud & DevOps

AWS, Azure, serverless
CI/CD pipelines (GitHub Actions, Azure Pipelines, GitLab Pipelines)
IaC (CloudFormation, SAM)

Tools & Platforms

Git, GitHub, GitLab, Bitbucket, Jira, Confluence, Azure DevOps, Miro, Figma, VS Code, Visual Studio, Postman, pgAdmin, SSMS, Copilot, and more

AWARDS & CERTIFICATIONS

Slalom Quarterly Award Recipient

Professional Scrum Master, PSM 1

Certifications from Microsoft, Amazon, GitHub, Nvidia, etc.

LANGUAGES

English
Native

Japanese
Limited working proficiency

Slalom, Seattle, WA — *Senior Software Engineer*

2015-2017

- Collaborated with CTOs, Product Owners, and Senior Architects to deliver cloud-native solutions tailored to business needs across multiple industries.
- Led backend development for a healthcare payment processing system expected to handle $50 million in annual transactions.
- Re-architected Gap Inc.'s global inventory management tool, a custom C# extension for Microsoft Excel, which had become unusable due to performance issues. Improved efficiency, usability, and optimized global shipment planning.
- Developed and launched the Natural Hazard Disclosures ordering platform for First American Financial Corporation, a project whose success solidified the company as one of Slalom's largest and most valuable clients.

Greenway Health, Carrollton, GA — *Software Engineer*

2012-2015

- Led development of a table-driven task automation service and refactored legacy client site management software, implementing multi-threading that reduced runtime by 90% and significantly enhanced system maintainability.
- Developed critical internal tools using Python and .NET technologies to streamline software build processes and optimize database initialization, improving team efficiency and operational productivity.
- Designed comprehensive database schemas and created advanced reports in SQL Server Reporting Studio, enabling efficient access to critical business data.

EDUCATION

University of West Georgia — *Computer Science*

2011-2014

Bachelor of Science in Computer Science; ABET Accredited

Osaka YMCA Japanese Language School — *Japanese Language*

2018-2021

Course Certificate of Completion (修了証書), Outstanding Performance Award (優秀賞)

FEATURED PROJECT

Maintenance Advisor — *Intelligent Track Maintenance Support*

Designed and delivered an AI/ML-powered system for Kawasaki Heavy Industries to compile repair needs and optimize rail maintenance routes, reducing operational costs and minimizing system disruptions. Led the back-end team, architected scalable system infrastructure, and contributed to product management and development. The system was built using TypeScript, React, and Microsoft Azure services. Powered by Nvidia's CuOpt technology, this solution was showcased at Nvidia GTC2024 and highlighted in a case study for its impact on reducing rail maintenance costs and disruptions.