

Cedric Wienold

cedric@cedmans.io
https://cedmans.io/

+81-80-2563-0038
+1-408-982-6780

Specialties

- Leadership in design, architecture, and development of reliable and scalable enterprise-grade software solutions
- Communication-focused global and local stakeholder management
- Cross-specialization information gathering to devise requirements for large-scale software products
- Full stack application design, architecture, and development
- Refactoring and testing of legacy and modern codebases

Experience

Freelance Software Engineer: Clients in Japan and USA August 2024 – Present

Relevant Skills: PHP (Laravel), Node/TypeScript (Express, Next, React, Vue), Python, DevOps

- Providing specialized full stack and application engineering services across industries including e-commerce, finance, media, and advertising
- Designing and architecting resilient, enterprise-grade platforms from conception through deployment to completely meet the client's needs
- Managing and engineering solutions of varying sizes and complexities
- Supplying consultation services to find the ideal resolution to problems faced by the customer

Senior Software Engineer, Bloomberg L.P.: Chiyoda-ku, Tokyo, JP February 2022 – August 2024

Relevant Skills: C++, Java, Perl, TypeScript/JavaScript, Python

- Launched business initiatives opening up millions of dollars in global transactions, working in tandem with engineers and business liaisons to build requirements from inception to deployment
- Led engineering initiatives in overarching groups to transform and improve practices and workflows, along with removing potential and realized roadblocks, across all of Bloomberg engineering
- Reduced time-to-resolution of outages through modernized monitoring and alerting for potential issues across platforms

Software Engineer II, Amazon: Meguro-ku, Tokyo, JP December 2018 – February 2022

Relevant Skills: Java, Perl, JavaScript, AWS

- Designed, developed, and deployed new customer-facing Prime Wardrobe and Amazon Points initiatives for Amazon's retail website
- Communicated with global teams in North America, Europe, and Asia to allow for asynchronous development among teams, ensuring all parties are lined up with the goals and release schedules of globally-launching projects
- Created and enhanced metrics dashboards relevant to all services within my team's scope, and regularly monitored them to enable data-driven decisions in evolving our platforms
- Regularly reviewed and improved on the engineering and operational practices on our infrastructure and deployment strategies
- Evolved on-call efficiency through in-depth documentation of issues, runbook authorship, and proactive resolution implementation of recurring issues

Senior Software Engineer & Architect, Fast Retailing: Minato-ku, Tokyo, JP May 2017 – December 2018

Relevant Skills: Node.js/JavaScript/TypeScript, PHP, Elixir and Phoenix, AWS, React and Redux

- Designed and developed stable, tested microservices serving globally-available e-commerce systems which drive multi-billion dollar annual e-commerce sales
- Managed software development teams to deliver new revenue-increasing features through tested, quality-focused coding solutions
- Architected and implemented new and replacement services to maximize customer engagement
- Engaged with and trained coworkers to establish enterprise-grade software development standards across the IT organization

Senior Software Engineer & Architect, iPromote: San Luis Obispo, CA, USA August 2014 - February 2017

Relevant Skills: PHP/Laravel, LAMP (Debian/Ubuntu), HTML, JavaScript, MySQL, React and Redux, Ruby on Rails

- Refactored and modernized backend and frontend codebase, implementing an internal MVC framework built using lessons and practices discovered while researching existing technologies
- Proposed, implemented, and trained relevant parties in new developer workflows to maximize engineer cooperation and minimize training time and potential conflicts
- Held high-level company meetings to discuss client feature requests and manage scheduling and development strategies
- Built server infrastructure to allow developers to more easily work on development and staging servers to preview and test changes before committing code

Software Engineer, ITECH Solutions: San Luis Obispo, CA, USA July 2013 - August 2014

Relevant Skills: PHP, HTML, JavaScript, MySQL, SQL Server, Java, C#, Window Server, LAMP (Debian)

- Developed code and test framework for new content management system to upgrade customers' current systems
- Recommended and implemented modern version control and website deployment techniques
- Created complete e-commerce websites, including frontend display, user accounts, inventory management, and payment processing using Stripe and PayPal

Web Stack Developer, iFixit: San Luis Obispo, CA, USA November 2012 - July 2013

Relevant Skills: PHP, LAMP (CentOS), HTML, JavaScript, MySQL, NodeJS, Python

- Profiled slow backend image processing module (30+ seconds per job), and implemented and tested new version for 50-80% speed increase
- Created modern image upload and modification modules for user-facing guide creation feature
- Rebuilt guide approval administration page for guides created by the public, using modern frontend methods to replace repetitive manual workflows with single batchable operations

Software Developer in Test, Microsoft Corporation: Redmond, WA, USA July 2011 - September 2012

Relevant Skills: Java, C#, C++, Windows Server, ASP.NET

- Released SQL Server 2012 SP1 and SP2
- Developed SDK for performance metric testing used throughout SQL Server organization
- Created performance tracking site which was used daily for prioritizing performance bugs, and biweekly during group status report meetings
- Averaged 1 critical, 4 normal or serious bug fixes per week, involving analysis, fix suggestions, and communication with development team

Certifications

- Certificate of Japanese Language Proficiency - JLPT N2 (January, 2018)

Skills

- **Platform Operational Excellence:** Production of, Monitoring of and Executing upon Metrics; CI/CD Pipeline Creation and Automation; Architecture Documentation and Platform Runbook Authorship
- **Workflow:** Agile, Continuous Integration and Deployment, Repository-centric Team-Driven Development (Git), Docker
- **Databases:** MySQL, PostgreSQL, SQLite, MongoDB, DynamoDB

Projects and Activities

- **Ekimade:** App and API to generate customized flashcards for the Japanese Language Proficiency Test (Ongoing Personal Project)
- **RapidForge CMS:** Framework for web designer-focused content management (2014)
- **node-markup:** Library to easily add emphasis (circles, rectangles) to images (2013)
- **Cal Poly Global Game Jam:** Support students in a weekend of creating games (2013)
- **iRobot Wireless Mesh Networking:** Build 802.11s library to connect mobile devices (2010)
- **MIPS Compiler:** Build a compiler in ML (then re-implemented in F#) for a domain-specific language targeting a subset of MIPS assembly (2009)

Education

California Polytechnic State University, San Luis Obispo, CA

Bachelor of Science: Computer Science

Concentration: Software Engineering

Degree Conferred: June, 2011