

Cedric Wienold

cwienold@gmail.com

Specialties

- Designing and architecting reliable enterprise-grade software solutions
- Developing full stack web sites
- Refactoring and testing legacy and modern code bases
- Scheduling and resource allocation involved in program management
- Scripting and automation
- Implementing and following modern developer workflow practices (AGILE, SCM strategies)

Experience

Software Engineer, Amazon: Meguro-ku, Tokyo, JP December 2018 – Present

Relevant Skills: Java, JavaScript, Elixir, AWS

- Design, develop, and deploy new customer-facing Prime Wardrobe initiatives on all levels of Amazon's retail web site
- Communicate with global teams in North America and Europe to ensure all parties are lined up with the goals and release schedules of Prime Wardrobe-related projects
- Maintain engineering and operational excellence through constant review and improvement upon infrastructure and deployment strategies

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

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

- Designed and develop 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 implement new and replacement services to maximize customer engagement
- Engaged with and train 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, Prototype.js, jQuery, MySQL, React and Redux

- Refactored and modernized backend and frontend code base, 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 programmer 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, jQuery, MySQL, SQL Server, Java, C#, Window Server, LAMP (Debian)

- Developed code and test framework for new content management system to replace customers' current sites
- Recommended and implemented modern version control and web site deployment techniques
- Created complete e-commerce web sites, 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, MooTools, 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 for daily use in prioritizing performance bugs, and biweekly 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

- Oracle Java SE 7 Programmer I (October, 2013)
- Certificate of Japanese Language Proficiency (January, 2014)

Skills

- **Web:** Web Stack Administration, PHP (Laravel), HTML5, Node.js, JavaScript (jQuery, ECMAScript 6), React and Redux, Vue.js, Ember.js, Angular, Ruby on Rails, Elixir and Phoenix, AWS
- **Workflow:** Agile, Continuous Integration and Deployment, Repository-centric Development and Deployment (Git, Subversion), Framework-Driven Development Workflow (Composer, RubyGems, Gulp/Elixir, Webpack)
- **Databases:** MySQL, PostgreSQL, SQLite, MongoDB, DynamoDB
- **Desktop:** Java, C#, C/C++

Projects and Activities

- **(unnamed):** App and API to generate customized flashcards for the Japanese Language Proficiency Test (2018)
- **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