

Brent Rieck

Software Engineer with 20+ years delivering scalable web applications for startups, enterprises, and entrepreneurial ventures. Skilled in software architecture, AI integration, and secure content delivery. Expert in building solutions, optimizing processes, and delivering high-quality projects on time.

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Summary

Languages & Frameworks: Node.js, JavaScript/TypeScript, Python, PHP, React, Flask, Express, Salesforce LWC, WordPress

Databases & Messaging: MongoDB, MySQL, PostgreSQL, RabbitMQ, Memcached

DevOps & Cloud: AWS, Vagrant, Webpack, ESLint, Jest, Git, CI/CD, Varnish, Apache, nginx

AI & Data Processing: LLM integration, RAG pipelines, document parsing, vector databases, LiteLLM, Langfuse, Unstructured

Methodologies: Agile (Scrum, Kanban, SAFe)

Experience

Intel — Software Development Engineer

September 2014 to present

- **Metadata Enhancement Pipeline:** Designed and implemented a Node.js/Python pipeline to process PDFs and Microsoft Office documents, integrating LLM-based metadata generation to improve content organization, accuracy, and discoverability.
- **LLM Agent & Chatbot Platform:** Developed a secure, entitlement-aware chatbot and agent framework for internal applications, enabling authentication passthrough, custom interfaces, and streamlined access to application-specific data.
- **RAG Agent for Entitled Documents:** Created an ingestion and vector search pipeline using Unstructured and PostgreSQL, allowing AI-powered queries while enforcing document access controls and sharing permissions.
- **Secure Content Delivery:** Led UX and full-stack development of a confidential document delivery platform for internal and external audiences, ensuring compliance with security policies and providing fast, reliable content distribution.

Experience

(continued)

- **Intel Developer Zone Microservices:** Architected and implemented microservices supporting registration, dashboards, user profiles, and gamification features, building a scalable platform for Intel's global developer community.

Substance — Technical Director

May 2012 to September 2014

- Directed planning, estimation, and delivery of client web projects while mentoring developers and improving development workflows.
- Transitioned the team from manual deployments to fully automated CI/CD pipelines and modernized version control practices.
- Oversaw development for major clients including Travel Oregon, Ride Oregon Ride, Leupold, and Pinehurst Resort.

Smith (formerly Ascentium) — Technical Lead

February 2011 to May 2012

- Implemented the Portland office's first version control and bug tracking systems to improve collaboration and code quality.
- Led LAMP and mobile development projects, including an Alfresco ECM iPhone interface, a dual-screen game for Cisco, and Drupal-based Intel web solutions.

Freelance and Early Roles

2001 – 2011

- Delivered custom LAMP stack solutions for diverse clients.
- Co-Founder, Leadcleaner.com: SaaS lead capture/qualification platform for direct marketing.
- Early roles at CMD, Mobilian, Inc./TrueDisk.com, Inc., and Young & Roehr Group, focusing on LAMP stack, ASP-based extranet systems, and web

Key

Achievements

- Integrated AI-driven search & metadata into enterprise workflows at Intel.
- Architected secure, scalable microservices supporting a global developer ecosystem.
- Led modernization of development workflows, improving efficiency and release reliability.