



KEVIN BURNETT

SENIOR SOFTWARE ENGINEER

Highly skilled and hardworking **Senior Software Engineer** with 20 years of experience implementing software solutions. Adept at developing and maintaining high-quality, scalable, and robust code, bringing a tenacious desire to troubleshoot and resolve complex issues. Known for making practical decisions under design constraints, with an emphasis on writing secure, performant, and resilient code. With a strong command of Ruby and Rails, coupled with significant professional experience in Python, GO, NodeJS and React, excels in collaborating with cross-functional teams to define, design, and deliver new features. A respected mentor who fosters a collaborative and inclusive environment and is open to teaching and learning. Loves giving feature demos. Committed to producing useful technical documentation and compassionate about user experience.

CAREER HIGHLIGHTS

- **Built a high-efficiency deployment system** across 50 Ruby, Java and Node.js microservices at Rosetta Stone, driving innovation, quality, and operational excellence. Collaborated across teams to drive increased deployment frequency, from bi-weekly to up to 10 releases per day.
- **Helped lead a startup**, wearing many hats and building a great product, SpiffWorkflow.
- **Conceived and implemented a range of internal tools** at Rosetta Stone that improved efficiency, enhanced transparency, and were enjoyable to use.
- **Developed scalable, secure, and highly available applications** serving as the foundation of Rosetta Stone's product suite, including enterprise user management, licensing systems, and progress tracking services, supporting multiple product verticals.

SKILLS & EXPERTISE

Software Development | Troubleshooting | Code Review | Agile Methodologies | Test-Driven Development | GitHub | Cloud Computing | Scalability | Performance Optimization | Security | Collaborative Leadership | Cross-Functional Teamwork | Technical Documentation | User Experience | Yelling Enthusiastically in Meetings | Problem-Solving | Continuous Integration | Continuous Deployment

PROFESSIONAL EXPERIENCE

[Software Developer / CTO](#) | **Sartography** | Staunton, VA

April 2022 – Present

- Built SpiffWorkflow, the Python business process management engine.
- Directed technical vision and strategy, driving technical excellence as part of a 10-person team.
- Implemented Flask backend and React frontend.
- Established Continuous Integration pipeline with GitHub Actions, automating testing and deployment processes, and deployed infrastructure-as-code with Terraform and Kubernetes.
- Built jobs in Kubernetes to run browser-based tests and harvested metrics on their outcomes.
- Built an AI-based documentation-editing system and used it to mass-edit a 50,000 word documentation corpus.

[Software Developer V / DevOps Lead](#) | **Rosetta Stone**

June

2012 – April 2022

- Promoted to Software Developer V and DevOps Lead, recognizing extraordinary technical expertise, innovative vision, and ability to drive operational excellence through strategic DevOps leadership.
- Streamlined release cycle process, reducing time-to-market from two weeks to zero-downtime fully-automated deployments on demand.
- Facilitated the creation of a meta acceptance test suite - running all tests on all systems company wide, and focused on frequent failures. Within months, the meta test suite went from failing 100% of the time to failing 5% of the time. Successfully achieved a policy that if the meta test suite passed against a main branch build, the app could be released to production automatically. The number of releases exploded as production issues decreased.

Software Developer IV / Product Owner

June 2010 –

June 2012

- Promoted to Software Developer IV and Product Owner, showcasing strategic vision, and ability to drive product success through collaborative leadership.
- Led backend service platform and development team, delivering a 90% reduction in defects within six months.
- Ensured platform uptime and scalability, staying ahead of scaling issues through careful planning and attention to relevant areas (the database) when designing and coding.
- Built a tool used by all product teams at the company to help achieve goal alignment and increase transparency.

Software Developer III / ScrumMaster

August 2009

– May 2010

- Promoted to Software Developer III and ScrumMaster, recognizing exceptional technical expertise and leadership capabilities.
- Built and maintained capistrano-based deployment infrastructure responsible for deploying all applications.
- Collaborated with a colleague in the quality assurance function to build applications to improve efficiency and improve collaboration between development and QA.

Software Developer II

December

2007 – June 2009

- Promoted to Software Developer II and recruited into the product development group.
- Built an app as a passion project that would become the company's first intranet, pitched it to leadership, launched it, and oversaw its successful use over several years.
- Served as a core member of the small team building the company's first dedicated APIs.

Web Developer (IT)

October 2004 –

November 2007

- Developed Java application to test licensing system, the UX of which lived on throughout my long tenure.
- Selected Ruby on Rails as part of a four person team, attended the first RailsConf, and established an effective technical direction for the company's web efforts for the next 17 years, including through a successful IPO.
- Built and maintained two custom Content Management (CMS) Systems, interviewing users and iterating on their feedback.
- Ensured seamless operations of acquired and homegrown e-commerce systems.

EDUCATION & TRAINING

Eastern Mennonite University; 2012

Master of Business Administration

Eastern Mennonite University

Bachelor of Arts in Computer Science and Spanish. Minor in Mathematics. Honors Program. GPA: 3.9

PROJECTS

Developer | Sartography | 2022 - 2024

- Built and deployed a general-purpose workflow engine application to production within 1 year for a large client, leveraging and building on open-source technology.

Co-lead | Rosetta Stone | 2016 - 2022

- Revolutionized release processes, shifting from manual to automated and periodic to on-demand releases.

HONORS & AWARDS

Stella, highest level recognition for employees with the most peer nominations – Rosetta Stone

COMMUNITY ENGAGEMENT

Played a key role in the community-led Northend Greenway Trail initiative, providing critical support and guidance that contributed to the successful development of a \$1.2 million walking and biking trail.

INTERESTS

Enjoy spending time with family, playing guitar, reading, and going on public transport-related excursions.