

Randell Callahan

Education

University of Colorado

BS IN APPLIED MATHEMATICS

Boulder, CO

Aug 2009 – Aug 2013

Experience

HelloFresh

Remote

SENIOR SOFTWARE ENGINEER

Nov 2023 – Present

- Optimized and maintained a suite of Kotlin-based microservices, streamlining ready-to-eat product manufacturing and planning.
- Architected SKU service integration that improved meal planning accuracy by enabling real-time ingredient availability and cooking requirement tracking.
- Led technical architecture and delivery for two engineering teams following senior engineer departure, driving design decisions, establishing best practices, and ensuring on-time project completion across multiple concurrent initiatives.
- Took ownership of stagnant lunch-and-learn series, driving regular sessions on architecture/best practices/technologies that improved cross-team collaboration

Sourcegraph

Remote

SENIOR SOFTWARE ENGINEER

May 2022 – Aug 2023

- Led the design and deployment of advanced search capabilities, enabling security teams and auditors to conduct in-depth analysis of Git codebases.
- Directed a team of 3 developers to create a remote code execution service, enabling users to run arbitrary code within a secured environment with Kubernetes and Firecracker.
- Built long asked for features into the Batch Changes product, using Go and React.

Charles Schwab

Lone Tree, CO

SENIOR SOFTWARE ENGINEER

July 2019 – May 2022

- Drove the creation of a proxy sidecar service, enhancing Enterprise services with standardized, logging, advanced security measures, and seamless service discovery.
- Led a team of 3 developers in creating an InnerSource platform that empowered enterprise teams to share code, enabled management to assess risks, and provided leadership with tools to monitor adoption.
- Built GitHub Actions, in JavaScript, to seamlessly onboard and transition Enterprise teams to GitHub.
- Developed a suite of InnerSource libraries for streamlined logging, automated deployments, and service discovery across .NET, Java, and Python applications.

SOFTWARE ENGINEER

Mar 2017 – July 2019

- Designed and implemented 30+ microservices for efficient non-marketing communications, handling millions of records daily.
- Led the transition from Mainframe processes to a contemporary platform leveraging Cloud technologies and Java.
- Automated our deployment ticketing process using Python, greatly decreasing the amount of time a team member needed to spend on creating tickets.

ASSOCIATE SOFTWARE ENGINEER

Jan 2016 – Mar 2017

- Provided support for legacy Java Spring applications focused on non-marketing communications processing.
- Enhanced application reliability by elevating test coverage and enriching documentation for better clarity and usability.
- Led my team in being among the trailblazers to deploy applications on Pivotal Cloud Foundry.
- Steered my team's seamless transition from Team Foundation Server to the Atlassian suite, emphasizing our commitment to Agile methodologies.

Raytheon

Aurora, CO

SOFTWARE ENGINEER

Mar 2015 – Jan 2016

- Led the performance of satellite management applications through advanced algorithm optimization and augmented the Thick Client with innovative features.
- Built a lightweight web application alternative, catering to users operating on constrained hardware, offering an efficient replacement to the Thick Client.
- Led my team's shift from Ant to Python for application development, significantly reducing build time.

Intelligent Software Solutions

Colorado Spring, CO

SOFTWARE ENGINEER

Jan 2014 – Mar 2015

- Developed and integrated enhancements for a space debris monitoring web application using HTML, JavaScript, and jQuery, significantly improving user experience.
- Led improvements to both web and Thick Client applications for Strategy and Assessment, trusted tools of the U.S. Air Force and the Royal Canadian Air Force.

Skills

Code: Java, Go, Rust, JavaScript, TypeScript, Python, Bash, Kotlin
Move: REST, SOAP, GraphQL, gRPC, Kafka
Build: Bamboo, GitHub Actions, Buildkite, Jenkins
Persist: MongoDB, PostgreSQL, SQLite, Microsoft SQL Server
View: Svelte, React, Angular
Run: Cloud Foundry, Google Cloud Platform, AWS, Docker, Kubernetes, Terraform
Model: JSON, YAML, XML, Protobuf, GraphQL
Hobbies: Dancing, Hiking, Fostering Dogs, Running, 3D Printing

Awards

2022	Charles Schwab Key Contributor , Recognized as a key contributor to the company.
2017	Charles Schwab Key Contributor , Recognized as a key contributor to the company.
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