Justin Wheeler

AWS Community Builder and Senior Software Developer at Bravo LT

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Summary

AWS Community Builder and senior cloud architect with 8+ years of experience delivering enterprise scale solutions across AWS and GCP platforms. Recognized expert in cloud certifications, holding every AWS certification available plus additional multi-cloud credentials. Proven track record of leading multi-year client engagements, optimizing cloud infrastructure, and implementing DevOps best practices. Active community contributor through technical writing, speaking, and mentoring. Passionate about serverless architecture, containerized workloads, AI/ML, quantum computing, and complete automation.

Community Leadership & Recognition

- AWS Community Builder - Serverless Domain | Active contributor to AWS technical community
- Technical Content Creator - Regular contributor to DEV Community with cloud architecture articles
- Speaker & Educator - Participated in AWS New Voices speaker training program
- West Michigan AWS User Group - Active organizer and presenter
- Virtual Coffee Community - Supporting developers at all career stages
- Red Monk Interview Subject - Featured expert on developer certifications and career advancement

Experience

Senior Software Developer

Bravo LT | Apr 2021 - Present (4+ years)

Client: Gordon Food Service (GFS) | Manager: Bill Osborn | Project: Gordon Ordering Platform
- Infrastructure & DevOps
  - Architected and maintained scalable GCP infrastructure using Terraform for enterprise food service operations
  - Implemented comprehensive CI/CD pipelines using GitLab CI, Jenkins, and Spinnaker for automated deployment
  - Integrated monitoring and observability solutions including Elasticsearch, Kibana, and performance monitoring
  - Managed containerized workloads on GCP Kubernetes Engine (GKE) and GCP App Engine for high availability
  - Optimized cloud infrastructure costs while maintaining 99.9%+ uptime for mission-critical systems
- Full-Stack Development
  - Developed modern frontend applications using Angular 18+, NgRx state management, and TypeScript
  - Built robust backend services using Java 21, Spring Boot, with Docker containerization
  - Integrated multiple data storage solutions including GCP Cloud Datastore, Redis caching, and Nginx load balancing
  - Delivered features supporting enterprise-scale food service operations serving thousands of users daily

Verizon Cloud Architect

Apr 2020 – Apr 2021 | *Project: Network Planning Platform (NPP)*
Manager: Benjamin Pomales | Role: MTS-III (Member Technical Staff)

- Designed, implemented, and secured AWS environments for multiple mission-critical telecommunications applications
- Developed Jenkins automation pipelines for code analysis and artifact deployment to production servers
- Achieved 30%+ cost optimization on AWS infrastructure through rightsizing and resource management
- Mentored development teams on cloud best practices across multiple programming languages
- Created Infrastructure as Code using Ansible playbooks and CloudFormation templates

Verizon Full Stack Engineer

Nov 2019 – Mar 2020 | *Project: Network Planning Platform (NPP)*
Manager: Benjamin Pomales | Role: MTS-III

- Designed and implemented RESTful APIs and database schemas using Java and Python

- Translated complex business requirements into scalable technical solutions
- Developed geospatial data processing applications for Verizon's 5G Coverage Map
- Collaborated with product teams to ensure technical solutions aligned with business objectives

Verizon Java Software Engineer

Aug 2017 - Nov 2019 | *Project: Service Qualification 5G (SQDB)*

Manager: Thomas Wise | Role: MTS-II

- Served as technical lead and gatekeeper for multiple backend Java repositories
- Coordinated API integrations across multiple development teams for unified product delivery
- Architected backend systems for Verizon's 5G Home product customer qualification
- Optimized existing Java applications for improved performance and maintainability
- Provided technical guidance and code review for development team members

Open Source & Projects

- Infrastructure Registry - Personal collection of Infrastructure as Code examples and best practices
- Multi-Cloud Resume - Demonstration of cross-platform cloud deployment strategies
- AWS Application Performance - Cloud Guru Challenge implementation using Amazon ElastiCache
- Multi-Cloud Madness - Cloud Guru Challenge showcasing multi-platform architecture
- AWS ML Recommendation Engine - Machine learning implementation on AWS platform

Technical Skills

Cloud Platforms & Infrastructure

- AWS: All services with expert-level proficiency (EC2, Lambda, RDS, API Gateway, etc.)
- GCP: App Engine, Kubernetes Engine (GKE), Cloud Datastore, Compute Engine
- Infrastructure as Code: Terraform, CloudFormation, Ansible
- Containerization: Docker, Kubernetes, Helm

Development & Frameworks

- Backend: Java 17+, Spring Boot, Python, Go, C#, PHP, Groovy
- Frontend: Angular 13+, React, Blazor, TypeScript, JavaScript, HTML5, CSS3, NgRx
- Databases: PostgreSQL, MySQL, Oracle, Elasticsearch, Redis, Cloud Datastore
- Testing: JUnit, Mockito, Selenium, Test-Driven Development (TDD)

DevOps & Automation

- CI/CD: GitLab CI, Jenkins, Spinnaker, GitHub Actions, Git Flow
- Monitoring: Elasticsearch, Kibana, Logstash, Splunk, CloudWatch, Application Insights
- Web Technologies: Nginx, HAProxy, RESTful APIs, Swagger/OpenAPI
- Message Queues: Kafka, SQS, SNS

Emerging Technologies

- Artificial Intelligence & Machine Learning: AWS ML services, model deployment
- Quantum Computing: Amazon Braket, Q#, Qiskit, IBM Circuit Composer

Certifications

- AWS DevOps Engineer Professional (Jul 2020 to Apr 2027)
- AWS Solutions Architect Professional (Dec 2020 to Apr 2027)
- AWS Advanced Networking Specialty (Nov 2021 to Apr 2027)
- AWS Data Analytics Specialty (Aug 2021 to Apr 2027)
- AWS Database Specialty (Jan 2020 to Apr 2027)
- AWS Machine Learning Specialty (Mar 2022 to Apr 2027)
- AWS SAP on AWS Specialty (May 2022 to Apr 2027)
- AWS Security Specialty (Oct 2019 to Apr 2027)
- AWS Data Engineer Associate (Feb 2024 to Feb 2027)

- AWS Developer Associate (Jun 2018 to Apr 2027)
- AWS Machine Learning Engineer Associate (Oct 2024 to Oct 2027)
- AWS Solutions Architect Associate (Jan 2018 to Apr 2027)
- AWS SysOps Administrator Associate (Dec 2018 to Apr 2027)
- AWS Certified AI Practitioner (Oct 2024 to Oct 2027)
- AWS Cloud Practitioner (Dec 2018 to Oct 2027)
- CNCF Kubernetes and Cloud Native Associate (Nov 2022 to Nov 2025)
- GCP Cloud Digital Leader (Jun 2021 to Jun 2027)
- Microsoft Azure Fundamentals (Jan 2020 to Present)
- Oracle Certified Associate, Java SE 7 Programmer (Oct 2016 to Present)
- Scaled Agile, Inc. Certified SAFe 5 Practitioner (Sep 2020 to Sep 2021)

Education

Full Sail University | 2013 – 2016

Bachelor of Science Degree, Game Design and Development

Publications & Speaking
- DEV Community Articles: Regular technical content on AWS services, cloud architecture, and best practices
- AWS Community Contributions: Serverless architecture insights and implementation guides
- Red Monk Interview: Featured expert discussion on developer certifications and career advancement
- Conference Presentations: AWS user groups and community events