

Justin Wheeler

AWS Community Builder and Senior Software Developer at Bravo LT

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Portfolio: <https://wheeleruniverse.com/>

Blog: <https://blog.wheeleruniverse.com/>

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 Pomaes | 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

Resume Bravo-tizer

End-to-end serverless AI resume processing system built independently for Bravo LT using AWS Step Functions, Lambda containers, Claude AI integration, and Django web interface. Delivered complete solution including infrastructure automation, CI/CD pipelines, DNS configuration, and professional email templates to streamline HR operations.

Infrastructure Registry

A curated collection of reusable AWS Infrastructure as Code templates and automation tools serving as a reference library for enterprise baselines and architectural patterns. Built using CloudFormation, AWS CDK with TypeScript, and Go-based Lambda functions to demonstrate scalable infrastructure design and deployment automation best practices.

Wheeler Recommends

Serverless PHP movie recommendation engine demonstrating unconventional AWS serverless techniques for cost-efficient, rapidly scalable web applications. Featured in Beer City Code conference talk showcasing innovative use of AWS Lambda, SageMaker ML models, Bref framework, EventBridge automation, and Athena analytics for non-traditional serverless implementations.

AWS ML Recommendation Engine

Netflix-style movie recommendation engine built with AWS SageMaker for model training and served through serverless PHP architecture using AWS Lambda and Bref framework. Original implementation that evolved into “Wheeler Recommends”, demonstrating machine learning model deployment and serverless web hosting patterns.

Multicloud Serverless Resume

Comprehensive three-tier serverless application architecture deployed across AWS, Azure, and GCP to demonstrate multi-cloud proficiency and platform-agnostic design. Features Angular frontend, Java Spring Boot backend, Infrastructure as Code with Terraform, and complete CI/CD pipeline with GitHub Actions for automated cross-cloud deployments.

Wheeler Universe Portfolio

Interactive space-themed portfolio website featuring custom solar system navigation and immersive visual design. Built with Vue 3, TypeScript, and Tailwind CSS to demonstrate advanced frontend development skills, responsive design principles, and creative user experience design while showcasing professional achievements and technical expertise.

Wheeler Universe Blog

Modern blog aggregation platform built with Vue 3, TypeScript, and Tailwind CSS featuring real-time content syndication from multiple platforms. Demonstrates advanced frontend architecture with responsive design, performance optimization, and automated content management under unified branding strategy.

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 21+, Spring Boot, Python, Go, C#, PHP, Groovy
- Frontend: Angular 18+, Vue 3, React, Blazor, TypeScript, JavaScript, HTML5, CSS3, NgRx (Redux)
- 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
- Beer City Code 2023: "AWS Serverless Remix: Unconventional Techniques for Bold Developers"
- West Michigan AWS User Group: Monthly presentations on cloud architecture and best practices
- AWS New Voices Program: Selected participant in speaker training and development program

Professional Highlights & Recognition

- AWS Community Builder Selection (2023-Present) - Recognized expertise in serverless architecture
- All AWS Certifications Achieved - One of few professionals holding complete AWS certification portfolio
- 4+ Year Client Retention - Maintained long-term engagement at Gordon Food Service through Bravo LT
- Conference Speaker - Featured presenter at regional technology conferences and user groups
- Technical Thought Leadership - Regular contributor to developer communities and technical publications