



VIJAYA KUMAR BATHINI

Staff Engineer | Cloud & Backend Expert | AWS Certified Architect

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ABOUT ME

Experienced software engineer with a strong background in building secure, scalable cloud platforms and services. Passionate about cybersecurity and developing end-to-end systems that protect critical infrastructure. I thrive in fast-paced, cross-functional environments and am driven by a growth mindset, with a deep commitment to building solutions that make a global impact on enterprise security.

TECHNICAL SKILLS

Backend Development

- Java, NodeJS, Python
- Spring (IoC, Boot, AOP, MVC)
- APIs (gRPC, REST, SOAP, AWS API Gateway)

Frontend Development

- React, Redux, ExtJS, JS ES6, HTML, CSS

Messaging and Streaming

- Kafka, RabbitMQ, ActiveMQ, AWS SQS

Databases and Storage

- MySQL, RDS, Cassandra, CouchDB

Caching

- Redis, Memcached, MapDB

Cloud & DevOps

- AWS Services
- Terraform, Opentofu
- Docker & Kubernetes
- Helm, Kustomize, Ansible, Packer
- Vault, Consul, Akeyless
- ArgoCD, GitHub Workflows, GitLab Pipelines
- Netflix Spinnaker

Observability & Monitoring

- Grafana, Prometheus, Prisma, Temporal

Service Mesh & Proxying

- Istio
- Proxy (Nginx, Envoy)

WORK EXPERIENCE

Fanatics ECommerce – Staff Engineer

2022 – Present

- Orchestrated AWS cloud infrastructure using Terraform, reducing deployment time by 40% and ensuring consistent environments across teams.
- Automated Kubernetes application management using Helm and ArgoCD, reducing manual effort and improving deployment efficiency; migrated ~45% of applications from EC2 to EKS to boost scalability and operational resilience.
- Designed and implemented an automated remediation solution using AWS Systems Manager for both stateful and stateless systems, reducing out-of-SLA instances from 100% to under 5%.
- Led onboarding of ~880 applications to Spotify Backstage, streamlining developer experience and accelerating engineering productivity by 30% through unified access to tools, documentation, and service metadata.
- Saved ~\$680M in AWS costs by using S3 Intelligent Tiering, rightsizing EC2/RDS, cleaning up unused resources, and setting automated rules with Cloud Custodian.

McAfee – Staff Engineer

2021–2022

- Deployed MVISION CASB to secure cloud applications, enabling real-time threat monitoring, policy enforcement, and ensuring compliance across 100% of SaaS traffic.
- Optimized Redis caching strategy, reducing application load times by 35%.
- Streamlined data loss prevention (DLP) strategies by leveraging MVISION CASB for real-time monitoring and policy enforcement on cloud-based data flows, reducing policy violations by 54%.

CA Technologies (Broadcom) – Senior Software Engineer

2015–2021

- Designed and maintained UIM probes, ensuring 99.9% uptime monitoring for critical business applications.
- Implemented distributed caching with Redis and event-driven messaging via Kafka, reducing data latency by 40%.
- Designed and implemented microservices architecture using Spring Boot, improving scalability by 40% and reducing time-to-market for new features by 30%.
- Enhanced system reliability by 50% through unit testing (JUnit, TestNG, JMockit) and improved CI/CD pipelines.

Prokarma Softech – Software Engineer

2012–2015

- Developed and optimized 14+ SOA-based services for seamless integration across distributed systems, leveraging Java and Hibernate to ensure robust, scalable, and maintainable solutions for UPRR's critical business operations.
- Created asynchronous messaging solutions using ActiveMQ, Reduced processing latency by 40% by implementing real-time data exchange with ActiveMQ
- Applied advanced query optimizations and schema designs to improve data retrieval times by 40%, ensuring high availability and consistency for mission-critical applications

CERTIFICATIONS

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| • AWS Certified Solutions Architect – Professional | 2025 |
| • AWS Certified Solutions Architect – Associate | 2024 |
| • Hashicorp Certified Terraform Associate | 2022 |
| • Cambridge B2 English CEFR Certificate | 2015 |

OPEN SOURCE CONTRIBUTIONS

Backstage:

Collaborated with the open-source community to contribute enhancements to the Tech Radar plugin, code review the pull request and fix a couple of bugs

Grafana:

Contributed with the custom data sources to support NAS and TAS databases which are built on top of Graph Database and fixed a few issues with provisioning custom data sources in Grafana

AWARDS

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| • McAfee Star Performance Award | 2021 |
| • Broadcom Above and Beyond Award | 2018 |
| • CA Technologies Above and Beyond Award | 2017 |
| • CA Technologies Above and Beyond Award | 2016 |
| • CA Technologies Above and Beyond Award | 2015 |

EDUCATION

Bachelor Of Technlogoy in **Computer Science** – Sri Krishnadevaraya University
Sep 2008– April 2012