

Andy Bateman

Indianapolis, IN | andy@sabateman.com | www.linkedin.com/in/andy-bateman-3b79b222

Summary

Middleware architect and developer lead with 14+ years building scalable, secure backend and platform systems. For the past three years, architected middleware for a connected-devices platform serving 10M+ devices across AWS and Azure. Deep experience in API security, observability, CI/CD modernization, and technical mentorship.

Experience

Chamberlain Group — Middleware Architect / Developer Lead

Remote / August 2017 – Present

- Middleware architect for a large-scale connected-devices platform supporting **10M+ devices** at **99.9%+ uptime** across AWS and Azure, defining integration patterns, shared libraries, and the technical roadmap across distributed teams.
- Drove observability modernization from Grafana to Datadog across **500+ services**, adopting OpenTelemetry standards for consistent instrumentation across middleware, mobile, and firmware.
- Own the middleware technical roadmap; facilitate weekly knowledge-transfer sessions across 50+ engineers and provide architecture guidance across teams.
- Led Cloudflare API Shield migration for **93 external APIs**, replacing manual F5 ASM policies with automated endpoint validation — improving security posture and reducing policy maintenance overhead.
- Led Azure DevOps-to-GitHub transformation, migrating **100+ build/release pipelines** and standardizing automated release workflows for distributed teams.
- Maintain shared libraries and core platform components (async C#, RabbitMQ, Couchbase, Kafka) used across **15+ product and platform teams**.
- Onboarded and maintain security and compliance tooling including SonarQube, Mend, and Veracode.

Rightpoint Consulting — Senior Developer, Application Development

Chicago / March 2015 – August 2017

- Delivered cloud-native solutions for clients across healthcare, energy, and medical device industries using microservice architecture and automated integration testing.
- **Medical Device Analytics Platform:** Built scalable Node.js microservices on AWS (DynamoDB, SQS, EC2, Terraform, Elastic Beanstalk); led a team of 5 developers building an end-to-end Selenium test suite; delivered zero-downtime deployments via Jenkins and JFrog.
- **O365 Utilities (Energy Client):** Architected and implemented a server-side service synchronizing Active Directory groups with HubSpot contact lists.
- **Hospital Public Website:** Contributed to a Sitecore CMS implementation for University of Minnesota Health (C#, HTML, CSS).
- Created monitoring tools tracking uptime, stability, and deployment health across client environments; mentored junior developers.

GCM Grosvenor — Analyst, Investment Risk Management / Software Development

Chicago / Summer 2011; September 2012 – March 2015

- Modernized a suite of risk-management applications (90,000+ annual hits) from legacy desktop deployments to testable, environment-independent services.
- Designed automation frameworks replacing manual Excel reporting workflows for portfolio analytics teams.
- Established analytics engines supporting portfolio risk analysis, performance attribution, and factor model initiatives.

- Analyzed hedge fund risk management capabilities and third-party platform viability.

Wells Fargo & Company — Intern, US Corporate Banking

Chicago / Summer 2008

- Supported corporate banking officers analyzing capital structures and client financials using Bloomberg, Reuters, and Capital IQ.

Education

University of Michigan — B.S.E. Industrial & Operations Engineering

Ann Arbor, MI

- Minors in Computer Science and Mathematics
- Graduated Cum Laude, College of Engineering

Skills

Cloud & Infrastructure: AWS (EC2, SQS, DynamoDB, S3, Elastic Beanstalk), Microsoft Azure, Terraform, Docker, Nginx, Cloudflare API Shield

Languages & Frameworks: C#, Node.js, PowerShell, ASP.NET MVC/Web API, Angular

Data & Messaging: SQL Server, PostgreSQL, MongoDB, DynamoDB, Couchbase, RabbitMQ, Kafka, Azure Service Bus, AWS SQS

Observability & DevOps: Datadog, Grafana, OpenTelemetry, GitHub Actions, Azure DevOps, Jenkins, Octopus Deploy, SonarQube

Practices: Microservices, API design, CI/CD, automated integration testing, SOLID principles, agile delivery

Interests

AI, cloud technologies, golf, gardening