

BENJAMIN GREGG

SENIOR SOFTWARE ENGINEER

Over 10 years of engineering experience in bank data integrations, service modernization, scalability, and cost optimization. Contributed to scaling a consumer product from thousands to millions of customers.

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SKILLS

Languages & Frameworks: C#, .NET / .NET Core, .NET Framework, ASP.NET MVC, SQL, Python, JavaScript, AngularJS

Cloud & Infrastructure: AWS (EC2, S3, RDS, Aurora, SNS, SQS, Kinesis), Kubernetes, Terraform, Kafka, Cloudflare

Data: MySQL, SQL Server, DynamoDB, Elasticsearch, Redis, Databricks

Tools: Cursor, GitHub, Argo CD, Datadog, incident.io, Optimizely

PROFESSIONAL EXPERIENCE

EarnIn (formerly Activehours)

Senior Software Engineer

Software Engineer

Engineering Intern

January 2015 – October 2026

July 2022 – October 2026

April 2015 – July 2022

January 2015 – April 2015

Bank Data Platform & Integrations

- Collaborated on the design and implementation of a provider-agnostic C#/.NET bank data platform with connection redundancy and provider fallback, ultimately supporting millions of bank connections and billions of transactions.
- Implemented and maintained Plaid, MX, Quovo, Akoya, Capital One, and Wells Fargo integrations, working directly with provider teams on launches, new features, and troubleshooting.
- Delivered approximately \$3M in annual savings by routing bank connections to lower-cost providers based on the financial institution.
- Built automated, billing-aware connection pruning jobs contributing to \$1.2M in annual savings without impacting user experience.
- Served as the bank data platform's primary technical owner, co-leading technical projects, troubleshooting complex issues, and resolving production incidents.
- Interviewed, onboarded, and mentored engineers on bank integrations, service architecture, and production operations.
- Contributed to bank transaction data-access rewrites for two migrations: SQL Server to Elasticsearch for performance, and Elasticsearch to DynamoDB for cost reduction; validated correctness with parity checks.
- Built full-stack bank troubleshooting tools with C#/.NET APIs, ASP.NET MVC, and AngularJS, enabling customer service agents to investigate and resolve bank connection issues.
- Led the transition of bank data platform development and production ownership to the Bangkok engineering team through knowledge transfer; remained an escalation contact after the handoff.

Platform Modernization & Efficiency

- Migrated legacy .NET Framework web services, message processors, and scheduled jobs from EC2 to modern .NET microservices on Kubernetes to improve scalability; used Cloudflare Workers to gradually shift API traffic during rollout.
- Replaced SQS delivery flows with SNS and Kafka to support multiple downstream consumers, using Optimizely-controlled rollouts to validate behavior during migration.
- Migrated database-intensive scheduled jobs to Databricks using replicated data, reducing production database load; verified matching results before switching production processing.
- Optimized service resources and scaling policies, saving tens of thousands of dollars annually while improving scaling reliability.
- Reduced log volume and record size, lowering Datadog costs by over \$50K annually.

INTERNSHIPS

Honda North America — IT Support Intern

May – August 2014

Marathon Petroleum — Business Analyst Intern

January – May 2014

GE Aviation — Data Quality Analyst Intern

February 2012 – December 2013

EDUCATION

University of Cincinnati

September 2010 – June 2016

Bachelor of Science in Information Technology

GPA: 3.8