

Benjamin Giles

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Experience

Senior Software Engineer/Team Lead - Finalis Inc, Platform

Mar 2026 – Present

- Led efforts to help transition company tech stack, operations, and compliance from startup to enterprise.
- Set AI standards and implemented platform for SOCII-compliant internal AI automation.

Senior Software Engineer (L6) - Amazon.com - Enterprise Engineering

July 2024 – Jan 2026

- Led subteam to design and implement communications in new corporate compliance app installed on every corporate workstation (**800K+**), written in Rust and .NET.
- Designed and built real-time action system to triage unhealthy servers with a **1-minute action SLA**.
- Participated in interview loops, mentored new junior engineers. Primary reviewer for team's collective designs, code, and change procedures.
- Wrote AI MCP servers for legacy internal systems to improve org productivity of **80 engineers**.

Software Engineer (L5/L4) - Amazon Web Services

Feb 2020 - June 2024

- Created build system and ecosystem to allow Amazon employees to use .NET internally, in use by **300+ teams** and multiple business-critical systems. Designed and implemented automatic SDK generation of internal API models for mass consumption.
- Constructed near real-time analytics service to monitor and dashboard patching, rollouts, and system performance across **800K+ corporate workstations**. Work involved API design, low latency backend development, and React web development in .NET, Typescript and Python.
- Expanded the AWS DynamoDB ORM for Java and .NET to prevent code defects and track database schema changes automatically. Released publicly and in use by **200+ companies**.

Internship - Amazon.com - Lending, Corporate Infrastructure

Summer 2018, 2019

Internship - Boeing - Global Services, IT Finance

Summer 2016, 2017

IT Operations Administrator - Big Country BG

March 2013 - May 2016

Education

BS Computer Science – Missouri University of Science and Technology

Tech Skillset

Web:

- React
- Typescript
- Tanstack
- OpenAPI
- CSS/HTML
- Websockets

Cloud:

- AWS
- Traffic Shaping
- Serverless Compute
- Kubernetes
- IAM/Security

OPS/CD:

- Jenkins
- CDK
- Terraform
- 3rd Party Compliance
- Confluence
- Automation

Other:

- Apache Flink
- Orleans
- Bash
- AI Guidance
- OpenTelemetry
- SDLC
- System Design
- Rust
- MCP
- Java
- Python
- Docker
- gRPC