

# Adam Edison

## Senior Full-Stack Engineer with Backend Focus

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### PROFESSIONAL SUMMARY

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Senior Backend Engineer with 10+ years of experience in backend development, REST APIs, and cloud infrastructure. Reduced marketing analytics tool cost by 60% at Trust and Will by filtering out test users from Segment MTU. Led team of 4 engineers and replaced logging system to save \$10K in monthly costs. Spearheaded code architecture improvements at Kasa Living, resulting in 50% faster deployment times and a 75% reduction in runtime configuration errors. Prior roles include Technical Support Engineer, Quality Engineer, and Software Engineer.

### WORK EXPERIENCE

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#### Lead Full-Stack Engineer

Remote • 03/2024 – Present

Trust and Will

- Launched a tiered membership model with accompanying administrative tools, achieving a 20% increase in annual recurring revenue within the second quarter
- Integrated a real-time data pipeline utilizing Segment and Iterable, replacing Klaviyo and enabling more personalized marketing campaigns that grew user engagement by 10%
- Filtered out test users to reduce cost for Segment MTU, saving 60% of marketing budget for analytics tools
- Upgraded GitHub Actions workflows to automate Git flow, saving 1 hour average daily for all developers
- Instituted use of AWS Lambda Layers in Serverless deployment, speeding up average deployment by 90%

#### Founder, Principal Developer

Remote • 04/2023 – Present

Funky Goblin Software, LLC

- Engineered a streamlined data model for a personal productivity application intended to challenge Notion and Clickup, enabling efficient data retrieval and reducing query response times by 90%
- Integrated OpenAI API with data analysis to provide automation features and natural language interface
- Developed virtual assistant with text-to-speech feedback and prompting using Google Journey TTS API, with capability for 100% screen and hands-free usage

#### Lead Full-Stack Engineer

Remote • 02/2023 – 04/2023

Curastory

- Acted as Team Lead for 4 engineers while instituting Agile Scrum process, JIRA usage, code reviews, technical specifications, and best practices guide
- Performed internal backend and frontend codebase security audit and mitigated severe security risks
- Replaced existing logging systems, resulting in \$10K per month cost reduction
- Constructed internal backend RPC APIs for third-party integrations with APM Music, PAC-12, and WeVideo
- Mentored junior developers in technical communication and advanced usage of development tools

#### Senior Software Engineer

Remote • 01/2022 – 11/2022

Kasa Living

- Drove company-wide, multi-team code architecture improvements via adoption of Nest.js framework
- Pioneered ConfigStore library, centralizing configuration management across 10+ microservices, resulting in a 50% faster deployment time, and reduction of runtime configuration errors by 75%

- Enhanced Quotes API by building persistent calculation history, reducing website checkout time by 90%
- Implemented Payments API and improved billing accuracy and internal accounting team efficiency
- Wrote technical specifications and acted as lead engineer for Credit Card Authorization 2.0 feature set

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## Senior Software Engineer

Remote • 08/2019 – 01/2022

Touchtown

- Delivered a robust real-time backend integration with Worxhub JSON API using Node.js and Express, replacing the antiquated email system, and decreasing resolution time of maintenance requests by 40%
- Architected and delivered backend integration with PointClickCare using both URL and event-driven APIs
- Spearheaded integration testing with the database to allow testing of critical features, reducing time to delivery of major calendar event unrolling procedure by 25%
- Authored BitBucket pipeline for integration testing of Node.js and AWS Lambda applications
- Created OpenAPI documentation and technical specifications for new features based upon product specs

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## Senior Software Engineer

Remote • 12/2018 – 07/2019

LendPro

- Overhauled Ant build scripts, reducing build time by 60% and saving 1 hour of daily developer time
- Developed technical blueprints for key microservices, detailing APIs, data models, and error handling strategies, enabling developers to deliver features with 99.99% uptime for crucial customer-facing services
- Co-led OWASP and SANS security training for web application development for 3 engineers

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## Senior Software Engineer

Pittsburgh, PA, USA • 09/2016 – 09/2018

Ebix Health

- Converted health plan enrollments web application to use jQuery and Bootstrap for responsive behavior
- Addressed and resolved 100% of high-priority security concerns identified during annual external audits, safeguarding sensitive patient health information (PHI)
- Implemented a Java application that synchronized 500+ external HIPAA code updates with the internal database, ensuring compliance with regulatory requirements

### PREVIOUS EXPERIENCE

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**Music Instructor**, Self-Employed

Falls Church, VA • 08/2010 – 12/2017

**Open Source Developer**, Ginkgo Street Labs

Washington, DC, USA • 11/2015 – 04/2016

**Consultant Developer**, Acumen Solutions at SoundExchange

McLean, VA, USA • 05/2014 – 01/2015

**MicroStrategy**, Quality Engineer

McLean, VA, USA • 05/2014 – 01/2015

**MicroStrategy**, Technical Support Engineer

McLean, VA, USA • 05/2014 – 01/2015

### EDUCATION

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**Bachelor of Science – Chemical Engineering**, Carnegie Mellon University

### SKILLS AND INTERESTS

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**Coding Languages:** JavaScript, TypeScript, SQL

**Frameworks:** Node.js, Express, Nest.js, React, Next.js

**Databases:** PostgreSQL, MySQL, MongoDB

**Documentation:** Swagger, Stoplight, Confluence, Notion

**Cloud Services:** AWS (EC2, ECR, Fargate, Lambda, API Gateway, SQS, SNS, IAM, CloudWatch)

**Specializations:** REST API, Event-Driven API, Microservices Architecture, Database Schema Design

**Other Tooling:** JIRA (Administrator), VS Code, Cursor, IntelliJ IDEA, AWS Monitoring, DataDog, Mocha, Jest

**Deployment and CI/CD:** AWS CDK, Serverless, Docker, Digital Ocean, Vercel, GitHub Actions, Bitbucket Pipelines

**Interests:** Jazz Piano, Music Production, Tai Chi, Yoga, Audiobooks