



Tim Elam

tim-elam.dev/resume

Atlanta, Georgia

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Summary

Results-oriented engineering leader with a decade of experience in building scalable, impactful software across the fintech, SaaS, and B2B sectors. Experienced in mentoring and developing engineering talent, fostering empowered teams, and managing cross-functional projects. Demonstrated expertise in architecting serverless systems and optimizing developer experience. Holds an MBA focused on Technology Commercialization from the Georgia Institute of Technology and a BS in Computer Science from Georgia Southern University.

Skills

Languages:

C#, Go, GraphQL, HTML / CSS, JavaScript, Python, Ruby, SQL, and TypeScript

Frameworks:

.NET, Angular, NestJS, Next.js, Node.js, Prisma, React, Ruby on Rails, and Tailwind CSS

Platforms:

AWS CDK, CircleCI, Docker, GitHub Actions, MongoDB, OpenAI, PostgreSQL, Serverless Framework, and Serverless Stack (SST)

Work Experience

Branch Politics

Dec. 2024 - Present

CTO

- Architected and built human-assisting automated political candidate research pipeline.
- Optimized cloud compute costs by migrating applications from Heroku to AWS Lambda.
- Reduced AWS costs by 90% by decommissioning unused machine learning resources.
- Established incremental tech debt mitigation strategy and encouragement of best practices.

Peas

Sep. 2024 - Nov. 2024

Lead Engineer (contract)

- Developed and launched recurring ACH money movement APIs for couples' joint financial management.
- Established an AWS CDK-based serverless infrastructure to streamline event-driven architecture for secure money movement and financial data aggregation.
- Implemented code generation for enhanced type-safe database access, reducing error rates and improving development efficiency.

DemoFox

Mar. 2023 - Sep. 2024

Founder & CEO

Atlanta, Georgia

- Designed and built DemoFox, an enterprise social video collaboration platform.
- Frontend: Angular, S3, Cloudfront, DaisyUI, Lambda@Edge, Tailwind, and Video.js
- Backend: Serverless Framework, NestJS, API Gateway, S3, SES, DynamoDB, Elemental MediaConvert, EventBridge, Lambda, Maizzle, NestJS, PostgreSQL, and Prisma

UserTesting

Aug. 2021 - Feb. 2023

Director of Engineering

Chamblee, Georgia

- Mentored emerging engineering leaders to develop the skills to lead successful, empowered teams.
- Balanced new product initiatives, maintenance, and future investment work across multiple teams.
- Frontend: Angular, StencilJS, and Bootstrap
- Backend: Ruby on Rails and MySQL
- Testing: Cypress and Selenium

UserTesting (continued)

Jul. 2019 - Aug. 2021

Senior Manager, Engineering

Chamblee, Georgia

- Project lead for Keyword Maps, a novel, interactive machine-learning-powered transcript visualization.
- Architected transition from AngularJS monolith to Angular and React-based NX monorepo.
- Improved team efficiency with Cypress API-mocking integration testing strategy.

Kabbage

Apr. 2018 - Mar. 2019

Software Development Manager

Atlanta, Georgia

- Drafted performance improvement and career development plans. Coached team members through individualized plans and tracked improvement.
- Frontend: Angular and Bootstrap
- Backend: nginx, Express, AWS Elastic Beanstalk, .NET, and IIS

Kabbage (continued)

Jan. 2015 - Apr. 2018

Senior Software Engineer

Atlanta, Georgia

- Co-designed Kabbage's Angular, Express.js, Docker, and AWS Elastic Beanstalk deployment stack.

Octane5 International

Apr. 2014 - Dec. 2014

Django Developer

Alpharetta, Georgia

- Developed and maintained BrandComply, a Django product licensing Software as a Service platform.

Education

Georgia Institute of Technology

2020 - 2023

Master of Business Administration

Atlanta, Georgia

Concentration: Technology Commercialization (TI:GER)

Georgia Southern University

2010 - 2013

Bachelor of Science, Computer Science

Statesboro, Georgia