

Cameron Guthrie

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SKILLS

Languages:

TypeScript/Javascript, Python, Java, C#, PostgreSQL, HTML, CSS, Elixir, Rust

Tools:

Node.js, React, Docker, git, Jest, AWS, Azure, Terraform, Knex.js, Electron, Kubernetes, Sentry, Elasticsearch, Nginx, GraphQL, Cursor

EXPERIENCE

Software Engineer — *Archbright*

Mar. 2024 – July 2025

- Worked with stakeholders to design and build a performance management suite for employees featuring recurring meeting scheduling, automated reminders, site wide commenting, and admin views with analytics for all features.
- Built a real-time notification system and live site updates using web sockets.
- Developed an in-house CMS with Elasticsearch powered vector search, automatic file conversion, and external syncing allowing the content team to offer nation wide support.
- Built interactive data visualization tools with responsive designs, filtering, and analytics.

Software Engineer / Tech Lead — *Optic Power*

June 2021 – Oct. 2023

- Ported a Node API to Elixir, added event logging, optimized Docker performance, improved the S3 document processing pipeline speed by 2x, and made updates for SOC 2 compliance
- Developed an Electron Windows app that added overlays to 4 games and processed 100s of events per second from external APIs, live game clients, and native libraries in Rust via IPC.
- Architected and scoped ETL pipelines for professional esports teams, Windows apps with native libraries, and dozens of other projects while learning new domains on the fly.

Software Engineer — *Thomas Street*

Sep. 2016 – Apr. 2018

- Java Spring app for curating oncology data using an event driven architecture that could roll back manual changes and import huge existing data sets.
- Scala / React app for searching and viewing thousands of network configurations.
- Asymmetrical multiplayer VR, AR, and 2D party game built in Unity using C#.
- React / Redux / Python app for porting telephone numbers with client & admin views that sped up the manual porting process by 10x.

Software Engineer — *Naxos of America*

Aug. 2014 – May 2016

- Full stack development on a web app for streaming music with OAuth integrations for LMS's.
- Ported infrastructure from on site hosting to AWS (EC2, S3, CloudSearch, RDS).

EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science

Aug. 2010 – May 2014