

Cameron Guthrie

Software Engineer

camerong.com

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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, MongoDB, Godot, Cursor

EXPERIENCE

Software Engineer @ *Archbright*

2024 – 2025

- Collaborated with stakeholders to architect and deliver a performance management suite, featuring recurring meeting scheduling, automated reminders, site wide commenting, and analytics for admins, resulting in increased platform sales.
- Built a real-time notification system and added live updates to the app using web sockets.
- Developed a document library system with CMS editing, Elasticsearch powered vector search, automatic file conversion, and external syncing allowing the content team to support nation wide updates.
- Created interactive data visualization using D3.js allowing clients to explore complex data.

Software Engineer @ *Optic Power*

2021 – 2023

- Ported a Node API to Elixir, added event logging, optimized Docker performance, improved 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 other multiple projects per week while learning new domains on the fly.

Software Engineer @ *Thomas Street*

2016 – 2018

- Java Spring app for curating oncology data using an event driven architecture that could roll back manual changes and import large existing data sets from multiple formats.
- Scala / React app for searching and viewing network configurations at scale.
- 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.

EDUCATION

Bachelor of Science in Computer Science — *Georgia Institute of Technology*