

Cameron Guthrie

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SKILLS

Languages:

Typescript/Javascript, Python, Elixir, SQL, CSS, Rust, Java, C#

Tools:

Node, React, AWS, Docker, Github, Knex.js, Phoenix, Unity, Jest/Enzyme, Electron, K8s

EXPERIENCE

Software Engineer — Archbright

Mar. 2024 – Present

- Built a real-time notification system and live site updates using web sockets.
- Developed a document management system featuring a custom rich text editor, Elasticsearch powered search, PDF/DOCX generation, and usage analytics allowing the site to expand to nation wide customer.
- Built interactive data visualization tools with responsive designs, filtering, and analytics.
- Converted React components to Typescript and improved test coverage from 50% to 90%

Software Engineer / Tech Lead — Optic Power

June 2021 – Oct. 2023

- Ported a Node API to Elixir, added event logging, improved Docker performance, and improved the S3 document processing pipeline speed by 2x.
- Developed an Electron based Windows app that processed 100s of events per second from external APIs and live game clients using IPC and native libraries in Rust. It added interactive overlays to 4 games and featured a reusable React component system.
- Architected and scoped ETL pipelines for professional esports teams, Windows apps, and AR mobile apps, and web based educational games

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 would speed 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