

ERIC COLEMAN

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SUMMARY

Seasoned Senior Software Engineer with 10+ years of experience in full stack web development, mobile development, and embedded software development. Proven track record in leading technical teams and delivering high-quality software using modern engineering practices such as Test Driven Development and DevOps.

SKILLS

Programming Languages	Typescript, C#, Javascript, NodeJS, Golang, Bash/Shell scripting, Elixir, Golang, Python, Java, C++
Frameworks & Tools	React, React Native, ASP.Net, Git, Postgres, Docker, Gitlab CI, Azure, Phoenix, AWS, Ansible, Terraform, Jenkins, Flask, Vim, Git, Linux/MacOS command line tools
Engineering Practices	Test Driven Development, Continuous Integration and Delivery, DevOps, Pair Programming, Agile Software Development

EXPERIENCE

Software Engineering Consultant Aug 2020 - Present
Augustwenty *Columbus, OH*

- **Sulos** Aug 2023 - Apr 2024
 - Led a team of engineers tasked with a legacy rescue, using React Native for mobile apps, React for a browser application, and C#/ASP.net for backend services, resulting in significant improvements to system performance and ease of maintenance and development
 - Added new features working closely with sales team in a fast-paced startup environment, enabling sales staff to adjust quickly to customer needs and find product-market fit
 - Worked as a bridge between executive and engineering teams, keeping leadership informed and able to make tactical decisions with a firm understanding of technical realities
 - Developed training materials and documentation, effectively communicating a complex tech stack and handing off the project to new contractor team, reducing their ramp-up time to 2 weeks
- **Ohio Legislative Information Systems** Oct 2022 - Aug 2023
 - Designed and implemented, from prototype to alpha release, a real-time rich text editor using Typescript, React, Electron to modernize the creation and editing of state agency rules
 - Facilitated user feedback and requirement gathering sessions, working closely with agency employees to ensure strong alignment of application features to agency rule filing needs
 - Modified and integrated with existing Java software for XML to PDF rendering via gRPC
- **Path Robotics** Oct 2021 - Oct 2022
 - Managed cross-functional team efforts to build, calibrate, and deploy robotic welding cells. Led software bring-up team, working with senior leadership to prioritize new cells for maximum impact.
 - Improved bring-up procedures and documentation and trained engineers across multiple disciplines, reducing bring-up time for new cells from 2 months to less than 2 weeks.
 - Designed training program which taught new software engineering hires the fundamentals of the Path Robotics software architecture and procedures for running robot cells, significantly decreasing the time it took for new engineers to be productive.

- **OliveAI** Apr 2021 - Oct 2021
 - Developed and supported a Desktop application and SDK using Golang, Typescript, Electron, and React.
 - Created documentation and aided third-party developers in creating custom functionality.
 - Researched, documented, and scripted code-signing functionality for MacOS application bundling 3rd-party binaries.

- **HERE Technologies** Nov 2020 - Feb 2021
 - Migrated the team's existing C++ build process from Jenkins CI to Gitlab, separating processes and reducing overall build times by 40%.

- **Internal** - Designed, tested, and programmed POC Elixir/Phoenix web app with Google Drive integration for client prototype, allowing augustwenty to land their first paying project and showcase Elixir expertise.
- **Internal** - Developed interview process and programming exercises, helping the company to find great talent at many levels of experience.
- **Internal** - Created training materials and culture guides, helping to align employees with the cultural goals of augustwenty.
- **Internal** - Selected low-code platform for company website, wrote marketing copy and technical articles, establishing a professional web presence for a20.

Senior Software Engineer - Prpl Team Apr 2019 - Jun 2020
 Accenture Digital - Product X.0 (Acquisition of Pillar Technology) *Columbus, OH*

- Delivered technical solutions and developed software for business development projects focused on IoT hardware integration, utilizing C# and Python, building POC solutions that aided in closing several contracts.
- Utilized hardware-in-the-loop testing techniques to deliver high quality embedded software in various industries including automotive, industrial automation, and cloud infrastructure.

Software Engineer Jun 2014 - Apr 2019
 Pillar Technology *Columbus, OH*

- **Pillar Labs** Mar 2018 - Apr 2019
 - Earned selection to specialized project team through competitive internal application process, contributing to successful software development projects using Elixir, C#, C++, and Python.
 - Conducted research and created internal documentation on various technologies as part of an internal initiative to build expertise on new tech, leading to the successful launch of multiple projects.

- **Scientific Research Client: Infrastructure and Ops** Apr 2017 - Mar 2018
 - Designed and implemented automated deployments for on-site cloud, reducing project setup time by 30% for new projects, and managed private cloud infrastructure using OpenStack, Ansible, and Docker.

- **Finance/Banking Client: Credit Card Loyalty and Management App** Mar 2015 - Apr 2017
 - Implemented "white label" mobile app with plugin architecture on iOS and Android for pre existing customer apps, allowing customers to easily integrate their applications with credit card loyalty program.
 - Managed containerized development infrastructure as lead DevOps engineer, optimizing CI/CD pipelines using Jenkins, Bitbucket, Nexus, and Hockey, resulting in increased in deployment and development efficiency.

- **Industrial Agriculture Client: Mobile Build Pipeline** Oct 2021 - Oct 2022
 - Designed and implemented CI infrastructure for iOS development team, increasing application reliability and enabling faster iteration.
 - Wrote test code for iOS application and infrastructure management scripts for deployment of internal dashboards.

- **Industrial Agricultural Client: Embedded Software** Apr 2021 - Oct 2021

- Developed embedded application with C++ and Qt, running on internal computer in industrial farming vehicles.
- Wrote test code for C++ application, enhancing stability and improving developer experience.

EDUCATION

Associate's Degree in Science, Ohio University
Completed coursework in Computer Science, Software Engineering.

2010 - 2014