# Eric Coleman

**Software Engineer**

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## SUMMARY

Software engineering consultant with strong focus on quick delivery of high quality software using modern engineering practices. Deep experience in DevOps tools and solutions. Wide ranging experience in many areas of software development including full stack web development, mobile development, and embedded software development. Accomplished public speaker with talks at local usergroups and conferences. Easy going personality with strong people skills. Avid, constant learner with a passion for sharing learning with colleagues.

## PROFICIENCIES

**Languages:** Golang, Typescript, Elixir, Ruby, Bash/Shell scripting, JavaScript, Java, Clojure, C++, C#, plus many others at varying levels of expertise

**Tools/Frameworks**: Gitlab CI, Functional programming, React.js, Azure, Phoenix, Terraform, AWS, various test frameworks, Ansible, Jenkins, Spring, Vim, Git, Linux/OSX command line tools

**Engineering Practices**: Test Driven Development, Continuous Integration and Delivery, DevOps, Pair Programming, Agile Software Development

## EXPERIENCE

### Augustwenty, Columbus OH

**Software Engineering Consultant**

- **Path Robotics** - Led client robot cell Software Bring Up team. Facilitated and coordinated efforts between client software, ops, controls, and hardware teams to help build, calibrate, and deploy robotic welding solutions. Tracked down and fixed bugs in bring up procedures, wrote documentation, and trained ops engineers to take over tasks from software teams. Onboarded client software staff.
- **OliveAI** - Developed and supported Desktop app and SDK, using Golang, Typescript, Electron, React. Consulted on MacOS application signing.
- **Here Technologies** - Migrated client team's C++ build process from Jenkins CI / Gerrit to Gitlab CI

- **Internal** - Designed, tested, and programmed Elixir/Phoenix web application utilizing external APIs
- **Internal** - Designed and implemented CI and DevOps processes for Elixir/Phoenix project and other internal efforts

## Accenture Product X.0, Columbus OH

### Prpl Team

- Provided technical expertise and wrote software for various business development projects, with a general focus on projects with a major hardware component.
- Utilized hardware-in-the-loop testing techniques to deliver high quality embedded software in various industries including automotive, manufacturing, and cloud technologies

## Pillar Technology, Columbus OH

### Pillar Labs

- Selected for team via internal application process. Conducted research on various technologies as part of an internal initiative to get ahead of the kinds of tech clients get excited about. Prototyped and test drove exploratory code in widely varied tech stacks. Evaluated functionality and potential value of new tools. Projects included an indoor geolocation system, an automotive cloud integration, and a virtual reality programming environment.

### Scientific Research Client: Infrastructure as a Service

- Designed and implemented automated deployments for on-site cloud
- Managed private cloud infrastructure with OpenStack.

### Finance/Banking Client: Credit Card Loyalty and Management App

- Implemented "white label" mobile app with plugin architecture on both iOS and Android for easy integration into pre existing customer apps
- Managed containerized team infrastructure as lead DevOps engineer, including CI server (Jenkins), version control server (Bitbucket), dependency/artifact hosting (Nexus), internal app deployment (Hockey).

### Agricultural Client: Mobile Build Pipeline

- Designed and implemented CI infrastructure for iOS development team.

**Agricultural Client: Embedded Control Software**

- Developed embedded application with C++ and Qt for internal computer systems in industrial farming vehicles

## EDUCATION

**Ohio University, Athens OH**

Completed coursework in Computer Science, Software Engineering