

CLAY BEABOUT

Software Engineer

claybeabout.com • beaboutclayton@gmail.com • 316-295-7762

EDUCATION

UNIVERSITY OF KANSAS

Lawrence, KS

Bachelors of Science in Computer Science

December '20

PROJECTS

BEL Internal

Technical Lead

Ruby on Rails, PostgreSQL, Docker, Nginx, Debian Server

Task tracking, workflow CRM application emphasizing data organization, analysis and scheduling. Currently serving over 1300+ clients.

Calypso Accessibility and Testing Application

Project Architect & Technical Lead

Debian server, Arduino Uno & Microcontrollers

Stand-alone server system with several Automotive electrical control units connected intended for testing and debugging developer use accessible via secured network access.

Tuun Collaborative Listening Experience

Technical Lead

TypeScript, React, GraphQL, .NET, Spotify Integrations

Progressive web application generating unique playlists based on group suggestions and shared interests.

SKILLS

- **Administrative:** Application Lifecycle & Maintenance - Negotiation, Collaboration & Execution - Task Delegation & Distribution
- **Technical:** Container Orchestration & Management - Web Applications & Server Construction - Database Orchestration & Querying - Compiler Construction - Software Integrations & Regression Testing
- **Proficient Languages:** Ruby, Python, C, C++, Javascript, TypeScript, SQL, GraphQL, Shell, Haskell

WORK HISTORY

Software: Integration, Administration & Supervision

Olathe, KS

Garmin International

3y

- Pursued and implemented developer experience improvements through automating integration procedures and scaling hardware/software toolset accessibility.
- Maintained quality, functionality and stability of chipset firmware and kernel software for the BMW MGU22 automotive OEM platform.
- Integrated low-level software deliveries from SOC chip manufacturers to progress stability and capabilities of multiple embedded chipsets and peripheral components.
- Coordinated low-level engineering team efforts and workload through metric-tracking and team-wide efficiency adjustments.

Applications: Development, Implementation & Delivery

Lawrence, KS

Brand New Box - Software Engineer

2y

- Delivered and maintained scalable system architecture ensuring high-availability Internet site with multiple internal applications.
- Collaborated on all stages of systems development lifecycle, from requirement gathering to production releases.
- Contributed to multiple consumer products and process improvements through engagement.