ERIC B. BUDD

SENIOR SOFTWARE ENGINEERING LEADER

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References available upon request.

Experience

Palco, Inc.
November 2023 - Present

Manager, Software Development/Sr. Full Stack Software Developer

Empowering Independence

- Managed a team of 10, Engineers, QA, and Data/ETL employees.
- Created new REST APIs in a legacy Elixir/Phoenix umbrella app.
- Added features and fixed bugs in a variety of React apps.
- Planned, tested, and oversaw two major upgrades to the primary MySQL database.
- Established guidelines and processes for development practices: PRs, deployments, hotfixes, etc.
- Mentored engineers on proper use of git, unit testing, TDD, improved code readability.
- Developed an end-to-end Interactive Voice Recognition (IVR) application for use by clients.

Showcase IDX/eXp Realty (Remote)
May 2022 - September 2023

Director of Engineering
(promoted from Director of Data Engineering April 2023)

Showcase IDX offers the industry's #1 ranked home search, consumer engagement tools, and lead generation platform.

- Led 8 engineers across 4 engineering teams and drove technical innovation within the organization.
- Collaborated with product teams and leadership to design and execute engineering and product processes. Developed and communicated technical vision, ensuring alignment with overall company goals.
- Fostered cross-team collaboration, broke down knowledge silos, and enhanced engineering skillsets.
- Implemented strategic restructuring by promoting high-performers to leadership roles, mentoring, and encouraging team leads to develop underperforming members, and providing personal coaching and assistance in work breakdown and assignment.
- Drove operational efficiency by implementing process changes, breaking down and documenting work, clarifying expectations with the product team, managing priorities, and ensuring effective communication between engineering and product stakeholders.

CyberGRX (Remote)
April 2020 - May 2022

Sr. Software Engineer

CyberGRX is a SaaS dedicated to helping organizations create effective third-party cyber risk programs.

- Designed and implemented a mapping feature enabling automatic reporting in industry-standard frameworks without manual re-assessments.
  - Feature was delivered within time estimates, reducing customer overhead and confusion.
  - It was called "the most successful feature ever launched" at the company.
  - BusinessWire article about the Framework Mapper.
- Conducted in-depth training sessions and implemented a new de-structuring feature using the glom Python library.

Mount Olive Software (Remote)

Owner

January 2019 - May 2022

Providing custom software, consulting, and training services.

- **Automotive Industry (Elixir)** -- Enabled a personal vehicle rental service in Japan via scheduled and authenticated vehicle access.
- **Cybersecurity Industry (Python)** – Developed third-party Cyber Risk management software.
- **Job Recruiting Industry (Python, Ruby, Javascript)** -- Completed several large projects to automate ingestion of data for millions of engineers, parse and index the data for searchability, and match data to available job postings.
- **Medical Insurance Industry (Elixir)** -- Developed API-driven automated job system that managed a data intake process to fetch transcription data from external APIs.
- **Pharmaceutical (Ruby on Rails, R)** -- Wrote software to transport & translate large volumes of data between labs for vaccine and drug development.
- **Software Contracting Industry (JavaScript)** -- Improved an existing system that automatically matched contractor skills to potential clients.

Other Experience	Red Nova Labs/StorEDGE - Senior Software Engineer	August 2017 - January 2019
	Multi Service Technology Solutions - Senior Software Engineer	May 2016 - August 2017
	Strenuus - Senior Software Engineer	April 2015 - April 2016
	UnitedLex - Software Engineer	August 2014 - April 2015
	Merit Pages, Inc. (Remote) - Software Engineer	June 2012 - August 2014
	Google (via Zavers.com acquisition) - Software Engineer	April 2008 - June 2012
	BensonsLife.com (Remote) - Software Engineer (Contract)	March 2009 - January 2012
	Grantham Education - Programming Manager/Sr. Programmer (promoted)	July 2005 - April 2008
	PoolCorp/Ascent Consulting - Software Engineer	January 2004 - September 2004
	Turning Point Solutions Group - Programmer/System Administrator	June 2000 - December 2003
	UniComp, Inc. (Hybrid) - Database Developer/Programmer	May 1998 - June 2000

Volunteering

Ctrl-C.club - Owner and primary administrator

http://ctrl-c.club

Ctrl-C Club is a Linux server offering free SSH and web accounts to users who want to build webpages, chat online, learn Linux, play text console games, or practice writing software. It one of the longest-running communities in the Tildeverse (tildeverse.org).

LaunchCode - Mentor

https://www.launchcode.org/

Worked with an aspiring programmer to coach them through completing a learning project in Javascript. Helped them understand the development process from concept through delivery. Provided additional coaching on the job market and the software industry.

Education

University of Southwestern Louisiana
Computer Science, Business Track

Louisiana College
English and Computer Science

Technical Keywords
(Production Experience)

Ruby on Rails	Elixir and Phoenix	Javascript and Typescript
API Design	Graph Databases	GIS
Agile	Internationalization	REST
Domain-Driven Design (DDD)	Linux Administration	SaaS (Software as a Service)
Data Modeling	Microservice Architecture	Scrum
Functional Programming	Object-Oriented Programming	TDD/BDD