

SUMMARY

Fullstack and deployment engineer with enterprise and startup experience as a backend developer using the Phoenix framework to build RESTful APIs and storing data in relational databases.

PROFESSIONAL SKILLS

- ◆ Fullstack development from the backend logic and database management to communicating with users on web, Android, and iOS applications
- ◆ Excellent understanding of computer science fundamentals, data structures, and algorithms
- ◆ Strong programming skills (Elixir/Erlang, C++, Java, Postgres SQL, C#, Python, Flutter, Dart)
- ◆ Good scripting and programming skills, including object-oriented and functional programming
- ◆ Version control using git and CodeCommit/GitHub
- ◆ Designed presentations for senior leadership

PERSONAL EXPERIENCE

BoardGame Tabletoppers **Fullstack and Deployment Engineer** 07/2021 – Present

Selfhosted the BoardGame Tabletoppers webpage in the cloud using Digital Ocean Linux machines to serve a Phoenix web application

- Let's Encrypt SSL security certificates
- Phoenix server web hosting and domain registration
- Elixir backend development
- Postgres Relational Database Management with Ecto
- Application Programming Interface (API) Development
- Cross Platform Mobile Development in Flutter
- UI development with LiveView & Tailwind CSS

EDUCATION

St. Cloud State University 05/2020

Bachelor's in Computer Science

PROFESSIONAL EXPERIENCE

RiskRecon – Master Card Cyber Security Solutions **Backend Software Engineer**

08/2022 – 06/2024

- Cross team collaboration
- API development and documentation
- Unit testing during development
- Sentry error logging
- Amazon workspace and AWS tools
- Enterprise development using Elixir building features
- Agile sprints with Fibonacci estimates

KnowFalls **Software Development Engineer**

06/2020 – 06/2022

- Fullstack development allow nurses and administrators to interact with a Machine Learning model to detect and prevent patient falls
- Agile and Kanban workflow via GitHub stories
- *Technologies used include Postgres SQL, Elixir/Erlang, Phoenix, Live View, and Flutter*
- *Published and maintained the iOS mobile app designed to notify nurses of fall risks*

The Undercroft **Operations Computer Programmer**

11/2020 – 01/2021

- Applied experiences with Elixir and Postgres SQL to deconflict discrepancies between the Members Roster and the Keri Systems: Access Control database

United States Marine Corps **0231 – All Source Fusion Intelligence Analyst**

12/2009 – 05/2015

- Senior Analyst - Marine Air Group 13
- Intelligence Coordinator - 1st MarineExpeditionary Brigade, Coalition Cell
- Sentry - Camp Hansen, Okinawa, Japan
- Intelligence Analyst - 12th Marines