

# AARON V. DAVIS

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## EXPERIENCE

**Staff Software Engineer** – SalesRabbit, Inc. 2020 – 2024

- Co-architected and built a new core backend (from data to API), utilizing the Ash Framework, including authorization, offline mobile sync, organizational hierarchies, and row-level data scoping.
- Architected and built a service to consume a RabbitMQ queue and emit webhooks capable of handling hundreds of thousands of requests per second.
- Co-architected and built a system of domain services utilizing :erpc to communicate on an OpenShift cluster with automated SDK generation / publishing for use in the core app.
- Architected and built a multi-tenant, event-sourced, self-service analytics engine to ETL legacy data, generate events, and display aggregates for customer use. Maintained an entire AWS stack, solo, using Terraform to support/deliver the service.

**Senior Software Engineer** – Nav, Inc. 2019 – 2020

- Architected and built a service to dynamically prioritize data by source, apply row-based permissions, and aggregate the result by-column.
- Architected and built a microservice to route and qualify prospective leads to Salesforce through Pardot.

**Owner** – Plukkit, LLC 2019 – Present

**Software Engineer** – University of Utah 2018 – 2019

Architected and built a web app to run concurrent electric system model simulations and provide the results without leaking proprietary processes.

**Software Engineer** – XIFIN, Inc. 2016 – 2017

Built a real-time tool for remote teams to collaborate on diagnostic medical images with multi-user annotations, screen-sharing, and chat functionality.

**Previous Career** – Lawyer 2006 – 2014

## SKILLS AND LANGUAGES

**Elixir (8 years)**

**Erlang**

**Ash Framework**

**Phoenix / LiveView**

**Nx**

**Nerves**

**PostgreSQL**

**RabbitMQ**

**Linux / Docker / OpenShift**

## EDUCATION

**B.S. Electrical Engineering** 2019  
University of Utah, Salt Lake City, Utah

**Juris Doctor** 2006  
University of Idaho Law School, Moscow, Idaho