AARON V. DAVIS

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EXPERIENCE

Senior Software Engineer – CoinList   May 2024 - Dec 2024

- Connected various tokens (including ETH with ERC20 support) via an internal custody system for signing transactions and monitoring chains for account activity.
- Co-architected and implemented an audit logging solution

Staff Software Engineer – SalesRabbit, Inc.   Sep 2020 – Mar 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.   Aug 2019 – Sep 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.

Software Engineer – XIFIN, Inc.   Feb 2016 – Jan 2017

Built a real-time tool for remote teams to collaborate on diagnostic medical images with multi-user annotations, screen-sharing, and chat functionality. Also built out Ansible and Ansible Tower implementations for stack deployment.

Previous Career – Lawyer   2006 – 2014

SKILLS AND LANGUAGES

Elixir (8 years)	**Phoenix / LiveView**	**PostgreSQL**
Erlang	**Nx**	**RabbitMQ**
Ash Framework	**Nerves**	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