

SKILLS

JavaScript | Python | Typescript | Java | C++ | HTML | CSS | React | Angular | Redux | PostgreSQL | Express | Flask | Django | SQLAlchemy | Node.js | Cypress | GraphQL | FastAPI | Docker | Terraform | AWS | New Relic | Test Driven Development | Object Oriented Design | Agile | Jira | Figma

PROFESSIONAL EXPERIENCE

Vault Health **Mar 2022 - October 2022**
Associate Software Engineer New York, NY

- Developed external-facing web apps, **APIs**, and server-side features using **Next.js**, **TypeScript**, Redux Toolkit, **React** Composition, and Material-UI.
- Completely automated full end-to-end/integration testing utilizing **Jest** and **Cypress** framework with custom fixtures.
- Monitored Flask api calls and **GraphQL** performance on Stage, QA, and Production environments through New Relic APM (Application Performance Monitoring).

Effortless Office Enterprises **Dec 2018 - Dec 2020**
DevOps Engineer Las Vegas, NV

- Built enterprise cloud architecture in **Python** and **Java** for onboarding of new clients. Full en-suite integration with **VMWare**, **Azure**, or **AWS** with on-premise Exchange/G-Suite was scripted in **Bash** or **Powershell**.

UMC of Southern Nevada **July 2011 - Dec 2018**
Chief Research Assistant Las Vegas, NV

- Co-investigated five principal studies with Emergency Medicine clinical staff including: Tobacco Cessation, NARAP, IVP-ABX, Peripheral IJ, and NARAP study.

The Venetian Resort | Las Vegas Sands Corp **Oct 2010 - Dec 2018**
Hotel Night Auditor Las Vegas, NV

- Created **ETLs** (ETLBox library for .NET/C#) of Agilysys LMS, SQL/NoSQL databases to generate Power BI, IBM Cognos, and Tableau reports/dashboards.
- Optimized SQL queries, lowering **EXPLAIN ANALYZE** processing times by 84%.

EDUCATION

App Academy **2022**
1000 hour full-stack software development immersion program with a < 3% acceptance rate.

University of Nevada - Las Vegas **2018**
B.S. Biological Sciences, GPA 3.8

PROJECTS

Emizon | *(React/Redux, Flask/SQLAlchemy, Docker)* [live](#) | [github](#)

- Interfaced **React** components with sequential patch http requests to **PostgresQL** database to create a custom frontend **cart** and **payment processing** feature.
- Implemented **Amazon AWS S3** object retrieval and deletion to allow convenient, direct user uploads for product reviews.
- Dynamically rendered unique product categories on load from **Redux** store using **JavaScript** array and set algorithms for 30% faster load times.

Vybze | *(React/Redux, Flask/SQLAlchemy, Docker)* [live](#) | [github](#)

- Managed four person team as **Scrum** master and coordinated project throughput using **Agile** methodologies and **Kanban** boards.
- Developed a custom social algorithm in **Python** to track each user's list of followers and followees.
- Created a responsive and single-page user audio listening experience using **React H5 Audio Player**. Programmed support for shuffle, repeat, continuous, and navigation-independent playback.

Saseeme | *(React/Redux, Express/Sequelize)* [live](#) | [github](#)

- Geo-linked restaurant locations with **Google Maps API** for more intuitive user experience and visualization
- Developed a multi-page modal using **React useState** with conditional passthrough for toggling of full CRUD features for user check-ins, reviews, and restaurants.