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Work

Amazon

📍 Palo Alto, CA

Software Development Engineer

📅 Jan 2024 - Jan 2026

- Designed and deployed multiple datasets improving shopper-brand intelligence
- Created Quality Control framework for team to easily monitor and create Step Function workflows with CloudWatch dashboards
- Deployed infrastructure for using LLM inference (Phi-3) to generate datasets

Endevre Technologies

📍 San Jose, CA

Head of Technology

📅 Apr 2017 - Present

- Co-founded Endevre Technologies, specializing in customer application development
- Spearheaded major projects, including the Kitchen (app creator), Advent (ticketing software), and ID (single sign-on system)
- Designed and deployed all Endevre service infrastructure, utilizing LAMP and MERN stacks on AWS and dedicated hosting platforms

Amazon

📍 Bellevue, WA

Software Development Engineer Intern

📅 May 2022 - Aug 2022

- Coded APIs using AWS Lambda and API Gateway to save/update user information
- Integrated the APIs into the front-end through multiple React components
- Deployed application to production with integration testing and live metrics

TruckX Inc

📍 Mountain View, CA

Software Engineer Intern

📅 Jun 2020 - Aug 2021

- Developed Bluetooth Low Energy Vehicle Diagnostics (OBD-II) Device plugin library for Android and iOS apps
- Built the CI/CD pipeline for React Native/Cordova apps on Bitrise, with unit and end-to-end Detox tests
- Programmed an end-to-end Android Service with sensor and location event detection to run on a dashcam

Education

University of Illinois at Urbana-Champaign

📍 Urbana, IL

Masters of Computer Science (MCS)

📅 May 2023

Bachelors of Science in Computer Science (BS)

- GPA 3.82, Relevant Classes: Machine Learning, Natural Language Processing, System Programming, Computer Architecture, Computer Vision, Probability and Statistics for CS, Linear Algebra, Data Structures and Algorithms, Numerical Methods, Artificial Intelligence, Computational Photography, IOT/Smart Devices

Skills

Programming Languages:

Nextjs, Node.JS, Java, React, JavaScript, C++, PHP, Python

Databases:

MySQL/i, MongoDB, DocumentDB, SQL

Web:

HTML, CSS, AJAX, JSON, REST APIs

Mobile Applications:

React Native, Cordova, Android (Java)

Testing:

Selenium, JUnit, Catch2, Jest, Detox

Cloud and Infra:

AWS Lambda, EMR, EC2, S3, API Gateway, CloudFormation, CDK, SST

Other:

Agile Software Development, Bitrise CI/CD, Smithy

Projects

On.Kitchen

📅 Dec 2023 - Present

- Developed Kitchen- leading platform for building, sharing, and using AI apps
- Integrated user-owned API keys, built-in billing, and easy sharing of creations including snapshots of AI conversations and generated media
- Demo and use at <https://beta.on.kitchen> (invite code: usekitchen)

CS2 Demo Viewer

📅 Jun 2024 - Jul 2024

- Created a tool to playback and analyze Counter-Strike 2 match demos in 2D
- Developed a parser to read and convert .dem files to custom format for the frontend viewer

Endevre Advent

📅 Jan 2023 - Present

- Developed backend infrastructure for Advent, an event ticketing and management platform
- Used by Rutgers TASA Night Market and other clubs, at events with thousands of attendees

View these and more projects at <https://projects.rlin.dev/>