

SUMMARY

Co-founder/CTO of Suno Analytics and MSCS student (Data Analytics concentration) at Boston University specializing in building scalable systems, leading small to large teams, and optimizing client-focused solutions. I am actively seeking opportunities to leverage my expertise and deliver exceptional value to innovative teams and impactful projects.

AREAS OF EXPERTISE

Languages: Python, TypeScript, C#, Java, Apex, JavaScript, Rust
Web Development: HTML, Tailwind CSS, REST API, GraphQL
Database: SQL, PostgreSQL, MySQL, SOQL, Supabase, Oracle, ONTAP, MongoDB
Frameworks: ASP.NET Core, React, Next.js, Angular, Flask
Version Control: Git, Github
Tools: Azure, Salesforce, Docker, AWS, LangChain, Bash/PowerShell Scripting

EXPERIENCE

Co-Founder/CTO | [Suno Analytics](#) 12/2024 – Present
Founded an e-commerce analytics platform offering deep insights and AI agents for inventory management.

- Led a global development team (Agile), consistently delivering key initiatives to clients.
- Architected CI/CD deployments on Azure, optimizing performance and ensuring compliance with industry standards.
- Designed and implemented full-stack features using React and scalable Postgre backend systems.
- Developed AI analytics engines via Tensorflow and neural network forecasts with <80% confidence intervals.
- Engaged in sales calls and collaborated on software sales strategies to align with client needs.

Application Developer | [Patelco Credit Union](#) 04/2023 – 04/2024
Responsible for developing full-stack applications using Agile to streamline the acquisition of new Patelco members.

- Developed full-stack features using Azure and ASP.NET, improving member acquisition with SFDC expertise.
- Lead administrative tool development for acquisition monitoring, ensuring alignment with business needs.
- Automated fraud request submission process, reducing handling time and ensuring SLA compliance.
- Created a virtual appointment scheduling system, reducing branch visits for members (Q2 Hackathon winner).
- Developed a HELOAN/HELOC rate update automation web app to achieve a 1000% increase in efficiency.

Solutions Architect Intern | [NetApp](#) 05/2021 – 12/2022
Automated storage array data management and supported sales meetings by gathering client requirements.

- Automated data backup solutions, cutting RMAN time by 50% using Oracle and ONTAP expertise.
- Developed scripts for performance insights, enhancing data analysis with Oracle and SQL skills.
- Built an alerting system to monitor storage health using Python and Bash, reducing monitoring time by 90%.
- Added and integrated Python 3.0 cross-compatibility to Oracle AWR performance information collection software.

PROJECTS

Quantum Scripting Language | [Code](#) 10/2024 – Present

- Built a lightweight, interpreted language using C for scripting quantum gates, qubits, and quantum states.
- Enabled efficient application and measurement of quantum operations through intuitive syntax.

Automated Security Analysis | [Ares](#) 01/2024 – 08/2024

- Integrated SOC2/OWASP compliance checks via a Rust and TypeScript VSCode extension for streamlined usage.
- Accepted into Microsoft’s Startup Program and Buildspace S5, gaining traction with over 100 users.

Cryptocurrency Forecasting Model | [Undergraduate Capstone](#) 01/2022 – 12/2022

- Built and trained predictive ML models using synthetic datasets as part of an undergraduate capstone project.
- Presented live at the SJSU Fall 2022 Expo to over 100 industry leaders, faculty, and peers.

EDUCATION/CERTIFICATIONS

M.S. in Computer Science | [Boston University](#) Present
B.S. in Software Engineering | [San Jose State University](#) 08/2018 – 12/2022
AWS Cloud Practitioner Certification | [Amazon Web Services](#) 02/2023