

██████████ CA | ██████████@gmail.com | linkedin.com/in/██████████ | github.com/██████████ | ██████████.com

SKILLS

Languages: Python · Java · JavaScript · TypeScript · SQL · Bash · C# · C/C++ · Scala · PHP
Tools: Flask · React · NodeJS · NextJS · Jest · BigQuery · PostgreSQL · Docker · AWS · GCP · Tailwind

PROFESSIONAL EXPERIENCE

Software Engineering Contributor — ██████████ November 2024 – Present

- Engineered Python automation to standardize 200+ BigQuery schema manifests across 20 state agencies, reducing per-file query processing time from ~2.5s to near-instant through local schema caching

Software Engineer Intern — ██████████ July 2024 – September 2024

- Accelerated crash recovery time by 10% across teams by aggregating 5+ stack traces into bug reports per day
- Automated GDB debugging program using REST APIs and Shell scripting in a Docker-driven staging environment to analyze 100+ CI/CD pipelines resulting in 70% faster crash analysis impacting 50+ developers and 500+ customers
- Expanded knowledge sharing by creating documentation on crash analysis procedures, supporting 30+ developers

Software Engineer Intern — ██████████ June 2023 – August 2023

- Reduced configuration time by 90% by developing NextJS and Python containerized services using Docker
- Improved battery testing reliability by architecting a message-oriented system processing 50+ debug logs/minute
- Achieved 95% uptime for 100+ industrial control events through Redis-driven data flow by removing race conditions

Software Engineer Intern — ██████████ June 2022 – August 2022

- Eliminated 200+ vulnerabilities in the product platform through automated security scanning and remediation
- Built API-driven security account automation system handling 15+ annual departures using Docker and Python frameworks, driving 95% efficiency gain in audit workflows until replacement by enterprise SOC2 solution
- Prevented potential security incidents through implementation of 10 new security controls in Google Cloud

PROJECTS

██████████ ██████████ ECG Medical Triage - Group Capstone Project | github.com/██████████/ecg

- Extracted 8 domain features on over 34,000+ ECG events by developing standalone data processing and ETL scripts using SciPy, NumPy, and Scikit-Learn, resulting in ~95% precision in identifying meaningless ECG data

██████████ - Hackathon Team Project | React, Express, Google Cloud | ██████████.netlify.app

- Won 2nd place in Best Design by building a web app used by 1K+ users to aggregate Wikipedia articles
- Designed and launched an app showcasing random Wikipedia articles to enhance user learning and exploration

██████████ Career Blog (Blind Clone) | React, TypeScript, AWS Ubuntu Linux, PHP | ██████████.com

- Implemented JWT APIs server-side and React Contexts and Hooks to manage user authentication and blog services

ACADEMIC EXPERIENCE

Software Engineering Teaching Fellow — College of Engineering August 2022 – April 2024

- Mentored 50+ students in group sessions for data structures, algorithms, database systems, and operating systems

Software Engineer Intern — University Communications Office August 2021 – April 2024

- Engineered 20+ NodeJS programs to leverage CMS workflow APIs, reducing development cycles and time by 90%
- Streamlined content review time by 95% through an API-driven React CMS monitoring system for 4,000+ pages
- Enhanced user experience for 1,000+ daily visitors through performance and design optimization of 100+ pages

EDUCATION

██████████ ██████████ University Graduated April 2024
Computer Science, Bachelor of Science ██████████

Coursework: Distributed Programming (C/C++), Artificial Intelligence, Deep Learning, Algorithms, Data Structures

Activities: CodePath, ACM President & Tech Lead, ██████████

More Projects: ██████████.vercel.app, wordle-reactjs-game