ELENI ARVANITIS KONIOR

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EXPERIENCE

Cisco Meraki, Remote   Apr 2022-Present
Staff Software Engineer   *Nov 2023-Present*
- Architect and deliver cross-product systems and frameworks that use Intelligence to create more customer value, faster and generate revenue
- Lead a multi-functional team of five building a performance environment so engineers can safely and efficiently improve performance across Dashboard
- Coordinate cross-functional engineers to produce automated workflows to decrease time to new services and systems from months to minutes
- Strategize with a multi-level group of nine (principal engineers, managers, product managers, ICs) creating a cutting-edge developer experience
- Present to senior leaders, managers, and engineers multiple times per quarter on various projects that bring immense value to the business

Senior Software Engineer   *Oct 2022-Oct 2023*
- Led a team of 7 peers in automating company-wide database migrations for faster, error-free deployments and reducing downtime and maintenance costs
- Reduced migration steps by over 50%, aligning migrations with Rails / PostgreSQL norms to improve throughput and developer experience
- Optimized ActiveRecord queries, slashing API response time and page load time by 88% to enhance customer satisfaction and reduce complaints
- Structured an automated GDPR system that decreased customer PII deletion time by 86% and freed up engineering resources for higher-priority tasks

Full-Stack Software Engineer   *Apr 2022-Sep 2022*
- Developed progressive networking features using TypeScript, React, and Redux Toolkit that resulted in an average customer retention rate of 90%
- Mentored new hires and rotational engineers enabling them to be self-sufficient and reducing reliance by 95%, boosting team productivity by 30%

Bloomberg LP, New York, NY / Remote   Jul 2018-Mar 2022
Full-Stack Software Engineer
- Directed an HTTP REST API project consisting of 5 engineers, which generated over $1 million in contracts the first three months post release
- Built an external REST API using Python, C++, Flask, Server-Sent Events (SSE), and RabbitMQ for unidirectional live data streaming of millions of daily events
- Wrote modular, secure, and well-tested code in C++, Python, and JavaScript that was used to process several million daily transactions across exchanges
- Incorporated design patterns (factory, template) to shorten the development process to a maximum of 2 days when introducing new API endpoints

EDUCATION

New York University, New York, NY   May 2014
College of Arts & Science
Bachelor of Arts, Economics | *Minor in Political Science*

PROFESSIONAL SKILLS

Languages: Python, JavaScript/Node, Ruby/Rails, C++, Rust, Scala, Go

API Layer: Flask, Server-Sent Events

Web Development: React, Redux Toolkit, Webpack, Babel, HTML, CSS, Progressive Web Applications (PWA)

Databases: SQL (PostgreSQL), NoSQL (Firebase Database), ActiveRecord

Testing: pytest, React Testing Library, vitest, Jest, RSpec, GoogleTest, gMock, Test-Driven Development (TDD)

Tools: Docker, Grafana, AWS (Lambda, S3), poetry, CMake, Firebase Hosting

Quality: pylint, flake8, black, eslint, prettier, RuboCop, clang, clang-format

TECHNICAL PROJECTS

Personal
Solo Front-End Engineer | Code | Demo
- Deployed a React PWA with Firebase (Hosting, Database) for painless deployment and real-time portfolio and writing updates
- Achieved Lighthouse scores of 100 using Webpack 5 and PWA guides
- Focused on front-end testing using Jest and Enzyme to ensure behavior across screen sizes and browsers

"What is My Purpose?"
Solo Engineer | Code | YouTube
- Produced a "Rick and Morty" robot using Arduino and a kit in one day
- Applied Alexa Skills Kit and AWS Lambda for voice functionality mimicking the episode's dialogue

AWARDS

Grace Hopper's Mad Scientist Award
NYU CAS Academic Scholarship
Dean's Research Fund Grant Recipient