

ELENI ARVANITIS KONIOR

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EXPERIENCE

Cisco Meraki, Remote Staff Software Engineer

Apr 2022-Present

Nov 2023-Present

- Design, build, and deliver cross-product AI-powered features that drive revenue growth, enhance user experience, and increase product adoption
- 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 ActiveRecord migration steps by over 50%, aligning migrations with Rails / PostgreSQL norms to improve throughput and developer experience
- Optimized 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 processed several million daily transactions across global 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++

API Layer: Flask, Server-Sent Events

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

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

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

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

Quality: pylint, ruff, eslint, prettier, RuboCop, clang, clang-format

TECHNICAL PROJECTS

Packet Capture

Lead Engineer | Cisco Meraki

- First-in-industry tool powered by AI to analyze packets so users can easily troubleshoot their networks
- Align engineers, PMs, and UX to streamline customer experience and drive feature enhancements
- Lauded as the best feature presented at Cisco Live US 2024 by customers

Insights

Lead Engineer | Cisco Meraki

- Connect LLMs to Dashboard pages to discover key insights for customers
- Engineer system so all Dashboard pages can quickly and simply use AI in their features as well

AWARDS

Grace Hopper's Mad Scientist Award

NYU CAS Academic Scholarship

Dean's Research Fund Grant Recipient