

ELENI ARVANITIS KONIOR

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EXPERIENCE

Cisco Meraki, Remote

Apr 2022-Present

Senior Staff Software Engineer

Nov 2025-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
- Present to senior leaders, managers, and engineers multiple times per quarter on various projects that bring immense value to the business

Staff Software Engineer

Nov 2023-Oct 2025

- Created the first-in-industry comprehensive AI packet capture analysis tool estimated to generate over \$40 million in annual recurring revenue
- Improved memory efficiency and performance of PCAP analysis, leading to a 100% success rate for 20MB files and 85% performance optimization
- Spun up the Intelligence team acting as both manager and tech lead growing the team from two to ten full-time software engineers within nine months
- Coordinated cross-functional engineers to produce automated workflows to decrease time to new services and systems from months to minutes
- Strategized with a multi-level group of nine (principal engineers, managers, product managers, ICs) creating a cutting-edge developer experience

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

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

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, TypeScript/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), Splunk, Cursor, GitHub Copilot, uv, CMake, Firebase Hosting

Quality: pylint, ruff, eslint, prettier

TECHNICAL PROJECTS

Packet Capture (PCAP) Analysis

Lead Engineer | Cisco Meraki

- First-in-industry tool powered by AI to analyze packets so users can easily troubleshoot their networks
- Expected to drive in excess of \$40 million in annual recurring revenue by 2028
- 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