Andrew Saifnoorian

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EDUCATION

Johns Hopkins University   Aug 2024 - Present

Masters of Computer Science   Baltimore, MD (Remote)

Concentration in Cybersecurity & Artificial Intelligence

Cumulative GPA: 4.0/4.0

Relevant Coursework: Survey of Cloud Computer Security - Neural Networks - Cyber Operations, Risk, & Compliance - DevOps & Secure Software Development - Object-Oriented Programming with C++

Rutgers University Honors College   Aug 2019 - May 2023

Bachelor of Science   New Brunswick, NJ

Major in Computer Science & Information Technology

Cumulative GPA: 3.5/4.0; U.S. Presidential Scholarship; Dean's List 2020-2023; SAT: 1600

WORK EXPERIENCE

M&T Bank   July 2023 - Present

Software Engineer   Buffalo, NY

- Designing, building, and deploying M&T's Treasury Management Onboarding platform using AngularJS frontend integrated with ServiceNow and a SQL backend for M&T's Treasury Management Onboarding platform, including end-to-end solution design, development, testing, and delivery through GitLab pipelines, while presenting monthly demos to business leaders and stakeholders to drive adoption and gather feedback.
- Refactored Java 21/Spring Boot PDF batch-processing algorithms, boosting throughput 4x and cutting runtimes from 20 min to under 5 min.
- Upgraded two enterprise Angular apps (v10 to v19), modernizing legacy modules, pruning 1,500+ LOC of tech debt, and boosting first-paint speed by 35%. Migrating both from PingID to MSAL SSO (OAuth 2.0 + PKCE) to cut login latency 40% and meet zero-trust standards.
- Built three Java/Selenium/Maven automation suites that shaved 2-3 days off every regression cycle and exposed 17 critical issues pre-prod.
- Led release-management for major RFCs, orchestrating after-hours cutovers, rollback plans, and stakeholder sign-offs.

Maxentric Technologies LLC   June 2022 - Aug 2022

Software Engineer Intern   Fort Lee, NJ

- Designed and delivered a green-field IT ticketing platform, Vue.js + Quasar SPA on the front end with a FeathersJS/Node.js REST API, giving employees a one-stop portal to log, track, & resolve support issues.
- Modeled and optimized MongoDB schemas (indexes, aggregation pipelines), eliminating full-collection scans and cutting query times ~70% for high-volume ticket searches.
- Implemented real-time WebSocket messaging that lets requesters and technicians chat inside each ticket, reducing email back-and-forth and accelerating resolution cycles.

ADDITIONAL

Personal Project: Car Maintenance Mobile App   May 2024 – Present

Building a cross-platform React Native app for vehicle maintenance tracking with service reminders, photo uploads, and record sharing. Uses Firebase for backend and authentication.

Technical Skills & Certifications:

- Languages: Python, Java, SQL, TypeScript, JavaScript, Bash, C++, ServiceNow, AWS (EC2, S3)
- DevOps & Frameworks: Git, GitLab CI/CD, Docker, Spring Boot, AngularJS, ReactJS, REST API design
- ServiceNow Certified Application Developer: Complete
- AWS Solutions Architect - Associate: In progress