Andrew Saifnoorian

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WORK EXPERIENCE

M&T Bank   July 2023 - Present
Software Engineer I   Buffalo, NY (Remote)

- Refactored PDF batch-processing algorithms in Java 21/Spring Boot, driving a 4x throughput boost and slashing end-to-end runtimes from 20min to under 5min across file structures and hierarchies.
- Automated high-impact content-ingestion workflows by replacing ad-hoc shell scripts with Automic Scheduler, cutting manual intervention 90% and upping first-run success rates to 99%.
- Upgraded two enterprise Angular apps (v10 → v19), modernizing legacy AngularJS modules, pruning 2,500 LOC of tech debt, and improving first-paint speed 35%.
- Single-handedly migrated both full-stack portals from PingID to Microsoft MSAL SSO (OAuth 2.0 + PKCE), reducing login latency 40% and aligning with corporate zero-trust standards.
- Built three Selenium/Maven/Cucumber automation suites that shaved 2-3 days off every regression cycle and exposed 17 critical issues pre-prod - saving an estimated $250k in hotfix effort.
- Led release-management for major RFCs, orchestrating after-hours cutovers, rollback plans, and stakeholder sign-offs with zero Sev-1 incidents.
- Drove code-review culture-merging ~150 PRs, mentoring junior devs, contractors, and championing SonarQube-driven refactors that trimmed Cyclomatic Complexity 25%.
- Created plug-and-play documentation and code templates so eight developers could spin up Maven + Selenium tests in < 30 min, boosting overall test coverage from 22% to 68%.
- Collaborated cross-functionally with UX, DevOps, and Security teams to keep modernization on schedule and in line with M&T Bank's enterprise governance playbook.

Maxentric Technologies LLC   June 2022 - Aug 2022
Software Engineer Intern   Fort Lee, NJ (Remote)

- 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, and resolve support issues.
- Engineered modular services with FeathersJS and feathers-hooks-common, adding role-based access control, reusable hooks, and soft-delete logic; kept average API latency under 200 ms across CRUD operations.
- 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.

EDUCATION

Johns Hopkins University   Aug 2024 - Present
Masters of Science   Baltimore, MD (Remote)
Focuses in Artificial Intelligence & Enterprise and Web Computing
Cumulative GPA: 4.0/4.0
Relevant Coursework: Neural Networks, Web Application Development with Java, Enterprise Computing with Java, Object-Oriented Programming with C++, Foundations of Algorithms

Rutgers University Honors College   Aug 2019 - May 2023
Bachelor of Arts   New Brunswick, NJ
Major in Information Technology and Business Analytics; Minor in Computer Science
Cumulative GPA: 3.5/4.0; Presidential Scholarship; Dean's List 2020-2023; SAT: 1600

ADDITIONAL

Technical Skills:
- Programming Languages: Java, SQL, TypeScript, JavaScript, Python, Bash, ServiceNow
- Frameworks & Libraries: Spring Boot, Spring MVC, JPA/Hibernate, AngularJS, ReactJS, REST API design
- Testing & Automation: Selenium WebDriver, Cucumber BDD, JUnit
- DevOps & CI/CD: Git, GitLab CI/CD, Docker, SonarQube