

Milen Thomas

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TECHNICAL SKILLS

Languages: Swift (SwiftUI & UIKit), Java, Javascript (React), HTML, CSS, Python, C, C++, Solidity, Bash, Assembly
Frameworks/Tools: React, Spring Boot, Datadog, JUnit, Git, Docker, AWS, Linux, Github Actions, Postman, Jira
Database: SQL (Postgres), NoSQL (Firebase), GraphQL (Apollo)

EDUCATION

University of Toronto Sept. 2023 – Apr. 2027
Specialist (Co-op) Program in Computer Science 3.77/4.0 GPA

- University of Toronto President's Scholars of Excellence Program (\$10,000); total scholarships awarded: \$16,000
- Related Coursework: Data Structures & Algorithms, Software Design, Object-Oriented-Programming, Low-Level Concurrency & Optimization, Database Management, Web Applications, Algorithm Design & Analysis

EXPERIENCE

Software Developer May 2025 – Aug 2025
theScore/ESPN Bet Toronto, ON

- Modernized critical account management workflows **by migrating 50%** of legacy components to modern frameworks, reducing **UI-related bugs by 25%** and improving developer productivity
- Built and integrated **GraphQL-powered** networking modules to streamline login, registration, and account verification processes, leading to a **20% reduction** in load times for account-related features
- Refactored and stabilized PAM test suite, reducing **CI failures by 30%** and cutting **build verification time by 15%**, streamlining release cycles/developer feedback loops, and enabling more frequent feature deployments
- Integrated analytics and observability tools, including Datadog, to monitor microservices performance and user behaviour, reducing production issue **detection time by 30%** and improving feature adoption tracking

iOS Developer July 2022 – Aug 2022
OurWaveHub Toronto, ON

- Integrated user input and location-based services to dynamically display nearby parks tailored to user preferences.
- Optimized app performance by implementing efficient caching strategies and asynchronous data loading techniques, resulting in a **35% faster** load time, smoother navigation, and a more responsive user experience across devices
- Pitched an innovative iOS sporting app concept to Our Wave Hub executives, delivering a compelling technical and market-focused presentation that advanced to the **final round** of the competitive iOS prototype program

PROJECTS

DocFlow | *Next.js, Node.js, WebRTC, PostgreSQL, Quill.js*

- Designed and built a real-time collaborative document editor inspired by Google Docs, supporting rich-text editing, live cursors, and multi-user synchronization
- Implemented WebRTC-based peer communication for low-latency collaboration, alongside a Node.js backend to manage document state, versioning, and conflict resolution

Solana Trading Bot | *Python, Solana RPC, Birdeye API*

- Developed a continuously running algorithmic trading bot on the Solana blockchain network
- By leveraging web3 technology to scan for new mints and efficiently filter thousands of tokens into a refined list, trade executions were optimized by 20%, resulting in faster decision-making and improved overall trading efficiency

MillyEats | *Spring Boot, Vue, PostgreSQL*

- Developed a self-hosted full-stack application to explore and organize saved Google Maps places through dynamic, user-centric filters, enabling streamlined travel planning and easy retrieval of favourite destinations
- Integrated Google Places API with PostgreSQL caching and a Vue-powered front-end to minimize API usage, ensuring smooth performance even under high user load, frequent data updates, and complex search queries

Scentral | *Swift, Firebase*

- Developed an iOS application tailored for fragrance enthusiasts to create, manage, explore, and share personalized lists of perfumes, incorporating global search functionality, cloud synchronization, and a clean user interface