Matthew Collett

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Professional Summary

Graduating Software Engineer who demonstrates professional experience with cloud technologies, freelance web-development, and systems design through advanced coursework. Extracurricular achievements include advancements to national engineering competitions and serving as the Software Development Club President.

Skills

Languages & Core Technologies: Java, Kotlin, Python, JavaScript, TypeScript, Go, C, C++, HTML, CSS, SQL, GraphQL, REST, SQL, NoSQL

Libraries & Frameworks: React.js, Vue.js, Tailwind CSS, Express.js, Flask, Java Swing, Jetpack Compose

Tools & Platforms: AWS, Azure, GCP, Git, GitHub Actions, CircleCI, Docker, Kubernetes, Prometheus

Architecture & Design: Microservices, Event-Driven Architecture, Design Patterns (MVC, MVVM), Data Pipelines (Batch/Stream Processing)

Work Experience

- **Sonrai Security**   Fredericton, New Brunswick
  Junior Software Engineer · Co-op   *May. 2024 - Aug. 2024*
  - Optimized batch discovery service by refining exception handling to prevent improper data invalidation
  - Collaborated with an enterprise customer to optimize Azure AD collection performance, reducing collection time for an environment containing over 700,000 users and groups
  - Served as a key resource for collection services, supporting team members with technical troubleshooting

- **Sonrai Security**   Fredericton, New Brunswick
  Junior Software Engineer · Co-op   *Jan. 2023 - Aug. 2023*
  - Handled customer feature requests, driving the integration and support of AWS, Azure, and GCP services into the product
  - Addressed and resolved critical customer-reported issues to ensure product stability

- **Cedar Groves Executive Par 3 & Driving Range**   Saint John, New Brunswick
  Full Stack Developer · Freelance   *Dec. 2022 - Apr. 2023*
  - Designed and developed a full-stack website for Cedar Groves Golf Course, bringing their brand to life online and reaching a wider audience

- **University of New Brunswick**   Fredericton, New Brunswick
  Teaching Assistant · Contract Part-time   *Sept. 2022 - Dec. 2022*
  - Marking student assignments and laboratory exercises for an introduction level databases course

Education

- **University of New Brunswick**   Fredericton, New Brunswick
  Bachelor of Science in Software Engineering
  Sept. 2020 - May 2025 (Expected)
  - Independent Study in Cloud Architecture (SWE4103): Migrated monolithic application to microservices using AWS
  - Dean's List (2022-2025)
  - President of Software Development Club
  - Engineering Competitions (Programming Division): 2-time National Finalists (CEC), 2-time Atlantic Champions (AEC), and 3-time Regional Winners