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, 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, 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, providing implementation guidance and troubleshooting support to team members

- **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 Executive Par 3 & Driving Range, 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*
  - Evaluated student assignments and laboratory work for an introductory database systems course (CS1103), providing technical feedback and guidance

Education

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