Matthew Collett

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Professional Summary

Software Engineer who demonstrates professional experience with cloud technologies, system design, and freelance web development.

Skills

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

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

Tools & Platforms: AWS, Azure, GCP, Git, GitHub Actions, CircleCI, Docker, Kubernetes, Prometheus, Auth0, Terraform

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

Work Experience

- **Sonrai Security** — Fredericton, New Brunswick
  Software Engineer · Full-time — *May. 2025 - Present*
  - Working on Sonrai's Cloud Permissions Firewall

- **University of New Brunswick** — Fredericton, New Brunswick
  Embedded Design Student Developer · Part-time — *Jan. 2025 - May 2025*
  - Developed and designed a cross-platform desktop application for UNB Harvest Competition with real-time monitoring, scoring, and cloud integration for 20+ rovers

- **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

- **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 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

Education

- **University of New Brunswick** — Fredericton, New Brunswick
  Bachelor of Science in Software Engineering — *Sept. 2020 - May 2025*
  - Independent Study in Cloud Architecture (SWE4913): Migrated monolithic application to microservices
  - President of Software Development Club
  - Engineering Competitions (Programming Division): 3-time National Finalists (CEC), 3-time Atlantic Champions (AEC), and 3-time Regional Champions