

EKAMBIR BRAR

+1 (437) 991-6808 — ekambir.brar1@gmail.com — ekambirbrar.com

EDUCATION

Carleton University

Honours Bachelor of Computer Science

Ottawa, ON

Sept 2023 – Present

Relevant Coursework: Abstract Data Types & Algorithms, Systems Programming, Machine Learning, Software Engineering, Robotics, Statistical Modeling, Linear Algebra, Discrete Math, Calculus

EXPERIENCE

SAP Support Assistant (Intern)

Anaad Consulting Inc.

May 2024 – Aug 2024

Brampton, ON

- Supported SAP ERP security operations for clients across Canada and the U.S., using JIRA for ticket resolution and report tracking.
- Generated and analyzed reports on user activity, password changes, and system access.
- Collaborated in daily huddles to align with leads on incident priorities and client deliverables.

Swimming Coach (Part-Time)

Making Waves Swim School

Apr 2024 – Aug 2024

Brampton, ON

- Instructed and monitored students to ensure safe, high-quality swim lessons aligned with Aquatic Admission Standards.
- Maintained pool safety and compliance while assisting in lesson planning and communication with parents.

PROJECTS

Lock In — Focus Browser Extension | JavaScript (MV3), HTML/CSS

- Developed a password-protected whitelist-only focus extension using Chrome Manifest V3.
- Implemented timed focus sessions with emergency breaks and branded “Blocked by Lock In” redirect page.
- Utilized background service worker and `declarativeNetRequest` for secure, CSP-compliant blocking.

SoundWave — Music Web Application | React, TypeScript, Tailwind CSS, Shadcn UI

- Built a modern dark-themed music app integrating iTunes Search API for music discovery.
- Implemented playlist management with play, pause, and skip features and animated visualizers.
- Designed an intuitive responsive UI leveraging component-based architecture.

Banking Machine Program | Java

- Simulated real-world ATM functionalities including deposits, withdrawals, and balance verification.

Calculator App | Java, GUI Development

- Created a functional calculator capable of performing arithmetic operations and converting outputs into Roman numerals.

TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript (MV3), TypeScript, HTML/CSS, \LaTeX
- **Frameworks & Tools:** React, Tailwind CSS, Shadcn UI, Git, Linux, VS Code, IntelliJ, SAP S/4 2021
- **Other:** Agile workflow, JIRA, Responsive Design, Data Visualization

CERTIFICATIONS

- Lifesaving Society Bronze Cross, National Lifeguard, Standard First Aid (CPR-C)
- Accessibility for Ontarians with Disabilities, Young Workers Awareness Training

ACTIVITIES & INTERESTS

- Argus 758 Air Cadet Program, Multicultural Events Club, Tennis, Swimming, Robotics and AI Projects