**Professional Summary**

Final-year Computer Science student at the University of Toronto with hands-on experience in software development and a strong foundation in backend services, modern frameworks, responsive interfaces, and scalable application development. Seeking a challenging software engineering internship at a leading institution to apply technical and problem-solving skills.

**Education**

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| **University of Toronto 2022 – Present** |

* Candidate for Bachelor of Science, Computer Science Specialist
* Coursework: Software Design, Systems Programming, Introduction to Databases, Programming on the Web, Introduction to Machine Learning, Neural Networks and Deep Learning

**Work Experience**

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| **Rays Sports Network Inc***.* **May 2025 – August 2025**  *Frontend Developer*   * Engineered complex, cross-platform-compatible UI components (dashboards, tabbed content, video players) using Vite, Node.js, React.js, and Tailwind CSS to align with Figma prototypes * Created reusable React hooks and API utility functions with JavaScript, Axios and React Query to streamline data fetching, state management, and backend integration across modules * Implemented automated testing scripts in Python with Selenium, validating core user flows and strengthening application reliability through end-to-end testing   **Outlier AIMay 2025 – August 2025**  *Machine Learning Assessment Specialist*   * Conducted rigorous evaluation and benchmarking of generative AI models by crafting domain-specific questions designed to identify LLM performance gaps and limitations * Authored high-quality prompts, solutions and explanations used as gold-standard references, significantly elevating the integrity of training and validation datasets   **MyEdMaster LLC January 2025 – April 2025** *Software Engineer*   * Designed backend services in JavaScript to support integration with machine learning models for personalized workout plans * Implemented backend services to automate the storage of videos with Prisma and PostgreSQL * Built RESTful APIs to support frontend interactions, ensuring seamless integration between the user interface and backend services * Collaborated on the development and deployment of a fitness web application, available at <https://teamrocketaifitnessappd4.vercel.app/> |

**Technical Skills**

* Languages & Tools: Python, JavaScript, Java, C, SQL, R, HTML, CSS & Tailwind
  + Developed personal website: <https://lakshmannair7.github.io/>
* Frameworks & Libraries: React, Next.js, Node.js, Vite, Django, Prisma
* Databases & Tools: PostgreSQL, Git, Unix/Linux, Selenium
* Backend & APIs: RESTful API design, Authentication, Server-side integration
* Machine Learning: Neural Networks, Deep Learning, Computer Vision, Data Analysis