OTTAWA, CA • KARTHI.KANTHAVEL12@GMAIL.COM • 613-981-2754

KARTHI KANTHAVEL

Computer Science Student | Full-Stack Developer

PROFESSIONAL SUMMARY

Computer Science student at Carleton University with hands-on experience building full-stack web applications using **Python, Django, PostgreSQL, React, and TypeScript**. Interested in backend development and building practical, scalable software.

EMPLOYMENT HISTORY

FREELANCE FULL-STACK DEVELOPER   **Jan 2025**
Sakthi Silk   *Ottawa, Ontario, Canada*

- Built a **full-stack tax automation tool** using **Django + PostgreSQL** to ingest CSV transactions and streamline bookkeeping.
- Implemented **expense categorization pipelines** and generated structured summaries to speed up tax prep.
- Developed **analytics dashboards** for tax-relevant insights and clearer financial records.
- Managed development using **GitHub** for version control.

FREELANCE FULL-STACK DEVELOPER   **Nov 2025**
Kids Love Investing   *Ottawa, Ontario, Canada*

- Built a full-stack kids financial education platform by developing a **scalable Django + PostgreSQL backend**, implementing secure REST APIs with authentication.
- Integrated **Stripe, Mailtrap, and Printify APIs** for payments, email workflows, and product operations.
- Used **GitHub for version control** and prepared **deployment configurations** for production releases.
- Optimized **database queries and indexing** to improve API response times.

PROJECTS & LEADERSHIP OPPORUNTIIES

LEADERSHIP & HONORS

- First-Year Representative, Carleton Computer Science Society (700+ students)
- Certificate of Merit — Top Mark, Grade 12 University Computer Science
- Honour Roll — Holy Trinity Catholic High School
- Taekwondo Student/Volunteer — Black Belt (9+ Years)
  - Long-term commitment demonstrating discipline, perseverance, and leadership.

PERSONAL PROJECTS

- Portfolio Website (Hosted on GitHub)
- Query-Based PageRank Search Engine(In GitHub Repo)

SKILLS

Python, Java, JavaScript, TypeScript, HTML/CSS, Django, PostgreSQL, React, Vite, Git/GitHub, REST APIs, Docker.

EDUCATION

BACHELOR OF COMPUTER SCIENCE (AI / ML STREAM)   **Sep 2025 - 2030**
Carleton University   *Ottawa, Ontario, Canada*

- Co-op Program
- First-Year Representative, Carleton Computer Science Society:
  - Represented and supported 700+ first-year students, serving as a key link between students and faculty.
  - Planned and executed academic, social, and career events to strengthen engagement and student success.
  - Expanded CCSS's social media presence, increasing visibility and outreach through consistent communication and content.