Paul Madut

LinkedIn | GitHub | Linktree

Location: Ottawa, ON, Canada
Email: paul.madut@icloud.com

SKILLS

Soft Skills	:	Team Leadership, Adaptability, Clear Communication Attention to Detail.
Languages	:	JavaScript, TypeScript, Python, C/C++, Java
Frameworks	:	NextJS, Django, Tailwindcss, Express, Langchain
Libraries	:	React js, Redux, Arduino,
Databases	:	MongoDB, PostgreSQL, Firebase
Dev Tools	:	VS Code, Vim, Git/Github, Linux
Certifications	:	Microsoft Certified: Azure Fundamentals

EXPERIENCE

Lead Developer
Flockstreet

September 2023 – July 2024
Remote

- Lead developer of a finance-focused social media platform using Django and HTMX, resulting in high user engagement for **1500+** active users.
- Designed and showcased functional prototypes for **Bank of Montreal**, **National Bank**, and **Investment Planning Council Canada**, driving potential partnerships.

IT Service Desk
Parks Canada

July 2023 – August 2024
Gatineau, QC, Canada

- Leveraged Javascript to automate workflow through **Jira's API,** enhancing efficiency in handling customer complaints.
- Utilized my technical skills to find creative solutions to administrative challenges, including the integration of software and hardware components.

Frontend Developer
One of One Funding

April 2024
Ottawa, ON, Canada

- Built a dynamic homepage component using React, boosting user interaction by **30 percent** for a company generating over 1 million dollars **in monthly revenue.**
- Collaborated with design and backend teams to ensure seamless UI/UX across the platform.

PROJECTS

Paul the Programmer | Content Creator
Youtube, Instagram, Tiktok Channels

- Created and managed multiple content platforms, producing high-quality, educational content on computer science and software engineering topics, gaining **10,000+ total views**

Beach Party
React, Express, Firebase, Tailwind Source Code

- Lead a team of five developers to a **competitive hackathon win** through conceiving and developing the "Beach Party" web application.
- Allowed users to plan, visualize and locate beach clean-up events by incorporating the **Google Maps API** enhancing user engagement.

VentGPT
NextJS, Langchain, Firebase, Tailwind Source Code

- Developed a chatbot application integrating **Next.js** with **Langchain** to provide interactive AI-driven conversations, enhancing user engagement and providing real-time responses.
- Fine tuned **Hugging Face Model** based off of Google's **BERT** LLM to provide more accurate and consistent responses.

White Label Trading Bot
Vite, React, Django Source Code

- Engineered a secure and scalable, full-stack algorithmic trading bot capable of operating on multiple broker platforms.
- Designed advanced trading algorithms utilizing **Inner Circle Trading (ICT)** principles alongside standard indicators such as moving averages and Bollinger Bands.

EDUCATION

Carleton University
Computer Science B.C.S.

Ottawa, ON, Canada
December 2025

- Relevant Courses: Fundamentals of Web Applications, Intro to Systems Engineering, Data Structures and Algorithms
- Self Study: Structure and Interpretation of Computer Programs (MIT 1986), Next.js and React - The Complete Guide(Udemy), CS50 (Harvard Online 2022)