Paul Madut

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Portfolio
Ottawa, ON, Canada

EDUCATION

Carleton University Ottawa, ON, Canada
Bachelor of Computer Science (B.C.S.), Expected May 2026 *Sep 2021*

WORK EXPERIENCE

ReInvest Wealth Remote
Full Stack Developer Intern *May 2025 – Sept 2025*

- Upgraded **React.js** frontend, reducing component **load times by 40%** and improving application performance across **500+ users.**
- Developed multi-company access feature using React.js and Node.js, enabling shared accounting workflows that increased team-based platform **usage by 25%.**
- Enhanced AI receipt processing feature using OpenAI computer vision to automatically scan receipts and match them to transactions, improving **data accuracy by 35%** and reducing manual entry time.

Fincnx Remote
Lead Full Stack Developer *Sep 2023 – Jul 2024*

- Led development of finance-focused social media platform using Django and React.js, achieving **1,500+ active user**s with **98% uptime.**
- Designed functional prototypes for Bank of Montreal, National Bank, and Investment Planning Council Canada, demonstrating algorithmic trading capabilities.
- Implemented real-time portfolio tracking system with WebSocket connections and Redis caching, enabling live updates for **500+ concurrent users** with **sub-100ms latency**.

Tradeful Ottawa, ON, Canada
Junior Fullstack Developer *Sept 2025 – Present*

- Developed backtesting engine using React.js and Node.js, enabling traders to simulate strategies across **5+ years** of historical market data with sub-**500ms** query response times
- Engineered trading strategy validation features that helped users identify profitable algorithms, contributing to a 35 percent increase in platform retention rates

WebFlux Ottawa, ON / Remote
Founder & Frontend Developer *Apr 2023 – Present*

- Built high-converting homepage component using React.js and WordPress for **One of One Funding**, increasing **user interaction by 17%** for company generating **$1M+ monthly revenue**.
- Delivered custom web applications to **25+ small businesses** using Next.js and modern JavaScript frameworks.

PROJECTS

- **Algorithmic Trading SaaS Platform**: Engineered full-stack algorithmic trading platform enabling white-label bot deployment with React.js frontend and Django backend. Integrated OpenAI API for intelligent trading signal generation and real-time market data processing. Technologies: React.js, Django, OpenAI API, WebSocket, MongoDB.
- **B2Lead Generation Platform**: Built automated lead generation SaaS using Next.js and MongoDB, reducing lead acquisition costs by **$1,000+ monthly**. Developed web scraping algorithms and API integrations for high-conversion business lead compilation. Technologies: Next.js, MongoDB, Node.js, Express.js.
- **Content Creator Platform**: Created educational content on software engineering topics across YouTube, Instagram, and TikTok, achieving **500,000+ total views**. Produced technical tutorials covering React.js and full-stack development concepts.

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, Python, Java, C/C++, HTML5, CSS3, SQL
Frontend Technologies: React.js, Next.js, Redux, Tailwind CSS, Material-UI, Framer, GSAP
Backend Technologies: Node.js, Express.js, Django, RESTful APIs, WebSocket, GraphQL
Databases & Cloud: MongoDB, PostgreSQL, Firebase, MySQL, Azure, Google Cloud Platform
Development Tools: Git, GitHub, Docker, Linux, CI/CD, Webpack, VS Code, Vim,Microsoft Azure Fundamentals