

Results-driven Full-Stack Developer with 10+ years of experience delivering scalable web solutions across diverse sectors. Focused on maximizing system efficiency, enhancing user experience, and driving automation. Recognized for bridging technical and business needs through clean and maintainable code and effective collaboration with cross-functional teams. Brings a disciplined, analytical approach to building high-impact software that supports organizational goals.

SKILLS

Languages & Frameworks	React, Next.js, Python, Django, JavaScript, TypeScript, PHP, C#
Databases	Prisma ORM, PostgreSQL, SQL Server, Oracle, MySQL, MongoDB
Web & API Development	HTML5, CSS3, Tailwind CSS, Node.js, Express, RESTful APIs, Axios, JWT, OAuth
DevOps & Automation	Docker, GitHub Actions, CI/CD pipelines, Environment Setup, Automated Deployment
Collaboration & Tools	Agile/Scrum, Jira, ClickUp, VS Code, Postman, Git, GitHub
Soft Skills	Problem-Solving, Analytical Thinking, Proactive, Commitment, Quality-Driven Mindset

PROFESSIONAL EXPERIENCE

Full-Stack Developer <i>4ChangeHub</i>	May 2025 — Present Ottawa, ON
• Modernized healthcare revenue app using React, TypeScript, Node.js, and MySQL, replacing Excel/email workflows. • Automated claims approval via middleware and RESTful APIs, cutting processing time and reducing errors. • Decoupled monolithic Docker application into scalable microservices, improving maintainability and performance. • Designed and implemented CI/CD pipelines with GitHub Actions, enabling automated integration and deployment. • Implemented multi-transactions feature by optimizing Prisma models and ensuring smooth API integration. • Enhanced file upload functionality by integrating Cloudflare R2 with real-time progress tracking and error handling.	
AI Data Quality Analyst <i>Outlier</i>	October 2024 — Feb 2025 Toronto, ON
• Built and optimized scalable training code, improving AI model precision by 12% increasing efficiency. • Diagnosed API and input failures affecting model outputs, reducing response errors and improving reliability. • Enhanced contextual reasoning in ML algorithms through iterative tuning, improving response relevance. • Collaborated using Python to assess and correct model outputs, improving result accuracy and QA. • Implemented prompt engineering techniques optimizing model responses, reducing task completion time by 30%.	
Full-Stack Developer <i>Freelancer/Independent</i>	January 2022 — October 2024 Toronto, ON
• Optimized Next.js app's reservation flow and UX, achieving a ~28% improvement in booking confirmation speed. • Refined booking management processes in the Next.js app and enhanced data visibility via interactive dashboards. • Boosted user engagement in React app by enabling intuitive Leaflet map interaction and persistent city data saving. • Enhanced audio transcription efficiency by ~38% developing a C# WPF app for multilingual audio-to-text conversion. • Built a Dockerized Django app in Python with PostgreSQL, featuring a dashboard and challenge-tracking timeline.	
Career Break / Pursued academic and immigration goals <i>Accomplishments</i>	March 2020 — November 2021 Aracaju, Brazil
• Achieved college-level English proficiency while awaiting a Canadian study permit during the COVID-19 pandemic. • Used visa delay period to upskill through self-study reinforcing adaptability and long-term career focus. • Joined virtual meetings and remote projects during travel limits, improving teamwork for global remote work. • Strengthened technical and soft skills, demonstrating adaptability, discipline, and commitment to long-term goals.	
Career Break / Cultural and language exchange in Canada <i>Accomplishments</i>	January 2019 — January 2020 Toronto, ON
• Relocated to Canada to invest in English communication skills and adapt to a new cultural integration. • Completed over 300 hours of English study, participated in immersive language programs. • Immersed in Canadian culture and tech ecosystem by attending professional events and community meetups. • Engaged in interprovincial travel to experience Canada's cultural diversity firsthand, developing cultural fluency.	

Senior Software Developer <i>3Tecnos - Technology Generating Business</i>	January 2013 — September 2018 Aracaju, Brazil
<ul style="list-style-type: none"> Reduced invoice registration time by 10% through C# code optimization in ERP Supply Chain module. Implemented validation routines to ensure inventory accuracy and compliance with municipal regulations. Automated inventory audit processes, reducing discrepancies by 94% and enhancing data accuracy. Analyzed inventory trends to identify cost-saving opportunities, resulting in an 8% reduction costs. Optimized SQL Server stored procedures, reducing inventory report processing time by 5%. 	
Technical Support Analyst <i>Hexagon (Client: Integrated Center for Public Safety Operations)</i>	May 2009 — October 2012 São Paulo, Brazil
<ul style="list-style-type: none"> Maintained 98.9% system uptime, ensuring uninterrupted support for emergency responders. Enabled 25% faster reporting, improving coordination and decision-making during emergencies. Boosted system usability and efficiency, supporting over 100 users across departments. Reduced query time achieving 30% faster data processing enhancing situational awareness for dispatchers. Diagnosed hardware, software, and network issues and installed/configured CAD systems. 	
Senior Web Application Developer <i>Indra</i>	Jan 2008 — April 2009 Aracaju, Brazil
<ul style="list-style-type: none"> Increased the efficiency of police report registration in the ASP Web app by 25%, freeing up officers' time. Expanded accessibility and reduced citizen wait times by 40% across the region. Improved app performance and stability, reducing load times by 50% and increasing user satisfaction. Delivered 5+ fully functional tools, streamlining workflows for internal departments and reducing manual effort. 	
Senior Web Application Developer <i>Brazilian Federal Police</i>	Jan 2003 — Jan 2008 Aracaju, Brazil
<ul style="list-style-type: none"> Ensured high system availability and reliability, supporting daily operations for over 300 employees. Achieved a 100% successful migration with zero downtime, lowering database licensing expenses. Built a PHP-based ERP system that automated daily operations, cutting manual workload by 40%. Improved internal workflows and communication, reducing task redundancy and manual data entry. 	
EDUCATION	
Technology Sector Occupational Language Training Certificate , <i>Seneca Polytechnic</i>	May 2025 — Sept 2005
Post Graduate Certificate in Information Systems for WEB , <i>Tiradentes University</i>	March 2003 — May 2005
Diploma in Data Process Technology , <i>Tiradentes University</i>	August 1998 — August 2002
CERTIFICATIONS	
Meta - Advanced React	Oct 2025
Harvard University - CS50's Web Programming with Python and JavaScript	July 2025
University of Toronto - Programming Fundamentals & Software Quality Certification	July 2025
Cisco – JavaScript Essentials I & II – Core & Intermediate Programming Concepts	March 2025
Udemy - The Ultimate React Course 2025 React, Next.js, Redux	April 2025
Udemy - React & React Native Professional Development Suite	April 2021
Stafford House International - Standard English Course/IELTS Preparation	May 2019