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Results-driven Full Stack Developer with over 5 years of professional experience. Expert in architecting, developing, and deploying scalable web applications using Next.js, Node.js, React, .NET, and cloud services. Adept at designing secure RESTful APIs and microservices while leveraging agile methodologies and continuous integration to drive business innovation and operational excellence.

Experience

Full Stack & Backend Developer

Novalabs – Sep 2024 - present

Responsibilities:

- Architect and maintain the QEF Tournament Management Portal using Next.js, TanStack Query, and Shadcn UI—implementing middleware for role-based management to streamline player, team, and event organization.
- Design and develop scalable RESTful APIs for the IPP E-commerce Backend (structured similar to a CMS) to manage products, orders, payments, and user authentication.
- Integrate secure payment gateways, optimize database performance, and auto-generate API documentation using Swagger.

Achievements:

- Launched high-performance QEF and IPP platforms with enhanced scalability and reliability.
- Streamlined backend processes, significantly improving system traceability and operational efficiency.

Software Engineer

Nielseniq (formerly GfK) – May 2023 - Sep 2024

Responsibilities:

- Developed a C# WinForms application for a French client by integrating with an SFTP server, merging files, and converting text data to Excel.
- Led web crawling projects to retrieve and update product EANs, providing actionable business insights.
- Extracted and processed data using VBA to generate detailed visualization charts.
- Automated global processes for tire supply using advanced clustering and web crawling techniques.
- Integrated the KiplePay Payment Gateway using .NET Core and SignalR to enable seamless DuitNow QR transactions.
- Developed an automated testing framework (Orchestrator) using .NET Core and Azure Serverless Functions with Playwright integration.

Achievements:

- Enhanced payment processing and reporting efficiency through innovative fintech solutions.
- Optimized data extraction and automation processes, driving significant operational excellence.

Project Manager

Cubicus.io – Jan 2024 - Jul 2024

- Led a cross-functional team of 25 developers and designers to deliver innovative software solutions.
- Coordinated multiple projects with effective stakeholder communication.
- Implemented Agile and Scrum methodologies to drive continuous improvement and timely delivery.

Full Stack Developer

Cubicus.io – Jan 2023 - Jan 2024

- Implemented a snapshot feature that significantly enhanced user experience and system reliability.
- Managed migration between CSS frameworks to ensure smooth transitions and improved performance.
- Built a robust backend server with Express.js and Node.js for scalable service delivery.
- Developed secure APIs for an NFT marketplace, ensuring efficient data retrieval and integrity.

Web Developer

MBE Canada – Mar 2022 - May 2023

- Developed ASP.NET web forms with clean, scalable code for business-critical applications.
- Created ACH and call center software projects that improved operational efficiency by 50%.
- Implemented electronic journal functionality and custom date features for ATM projects.
- Developed RESTful APIs in C# to seamlessly connect React applications with SQL databases.

Full Stack Developer

FemSol – Jan 2023 - Mar 2023

- Initialized projects using Create React App and established a Next.js environment.
- Developed key front-end components such as homepages, property listings, and authentication modules using React.
- Leveraged Redux for state management and Tailwind CSS for responsive design.
- Deployed applications on Vercel, ensuring seamless integration and optimal performance.

Junior Web Developer

Fairplays – Aug 2021 - Dec 2021

- Designed and implemented dynamic web pages, plugins, and functionalities to enhance user engagement.
- Configured and managed Google Analytics to drive data-based decision-making.
- Executed SEO and digital ad campaigns aligned with Google best practices.

Junior Programmer

Technado (Pvt) Ltd – Jul 2017 - Oct 2018

- Developed a comprehensive Employee Management System in VB.NET to automate HR processes and boost transparency.
- Integrated ERP systems with Account Management modules for seamless data flow.
- Created a real-time bank information display using C#, HTML, CSS, ASP.NET, JavaScript, Ajax, and jQuery.
- Automated payroll processing to ensure accurate salary calculations and timely distributions.

Skills

- Programming Languages:** JavaScript, Java, TypeScript, C#, Rust, Solidity, Dart, Python
- Frameworks & Libraries:** React, Node.js, .NET, Next.js, Redux, Express.js, Angular, Bootstrap, Tailwind CSS, SASS, Remix, TanStack Query, Zustand, Zod, Shacn
- Databases:** MySQL, PostgreSQL, MongoDB, Redis
- Other Tools & Platforms:** AWS, Firebase, Git, Docker, Vercel, Netlify, Jira, Azure Functions, SignalR, TensorFlow

Education

- Coventry University:** Bachelor of Computer Science (Hons.), Oct 2018 - Dec 2021
- Tafs for A levels:** A levels in Computer Science, Aug 2016 - Aug 2018
- Army Public School (APSACS):** O levels in Biology, General, Jun 2014 - Aug 2016

Projects

QEF (Tournament Management Portal)

Tech Stack: Next.js, TanStack Query, Shadcn UI, Node.js, PostgreSQL, Tailwind CSS

Developed a comprehensive tournament management system using Next.js, TanStack Query, and Shadcn UI. Implemented middleware for role-based management to streamline the organization of players, teams, and events, featuring dynamic breadcrumb navigation and secure API integrations for super admin functionalities.

IPP (E-commerce Backend)

Tech Stack: Node.js, Express, PostgreSQL, Redis, Swagger, AWS S3, JWT Authentication

Engineered a secure backend system for an e-commerce platform structured similarly to a CMS. The solution efficiently manages product listings, orders, payments, and user authentication with scalable RESTful APIs, secure payment integration, and auto-generated Swagger documentation.

KiplePay (Fintech - Wallet & Payment Processing)

Tech Stack: .NET Core, SignalR, PostgreSQL, RabbitMQ, Docker

Integrated a robust fintech payment gateway to facilitate seamless DuitNow QR transactions. The solution includes real-time transaction updates via SignalR, detailed monthly wallet reports, and a refined revenue share model.

Orchestrator (Automation & Testing)

Tech Stack: .NET Core, Azure Serverless Functions, Playwright, PostgreSQL

Developed a comprehensive test automation framework leveraging .NET Core and Azure Serverless Functions. Integrated Playwright for thorough UI and API testing and implemented an event-driven workflow for efficient test scheduling in a scalable cloud environment.

eKYC Portal (Identity Verification System)

Tech Stack: React, Redux, Node.js, PostgreSQL, AWS S3, OCR APIs

Engineered a secure identity verification portal that streamlines document submission and validation using OCR-based extraction and integrated identity verification APIs, ensuring a responsive UI for optimal user onboarding.

Psychoin

Tech Stack: Blockchain, Ethereum, Solidity, React

Created a blockchain-based solution to democratize mental health resources by leveraging decentralized technology to empower communities.

RichAi

Tech Stack: Python, TensorFlow, React

Spearheaded the design and development of an AI chatbot using advanced machine learning frameworks to deliver an intelligent, high-accuracy conversational solution.

TinyKiwi.io - Frontend Excellence

Tech Stack: React, Next.js, Tailwind CSS

Led the development of key front-end components, including a snapshot feature that significantly enhanced system reliability and user experience.

Pixpel.io - Backend Prowess

Tech Stack: Node.js, Express, PostgreSQL

Constructed a robust backend server that improved response times by 15% and developed secure APIs for an NFT marketplace to ensure efficient data retrieval.

Payglo.io - Comprehensive Documentation and Full-Stack Expertise

Tech Stack: React, Node.js, MongoDB

Led the development of a full-stack solution with detailed documentation, delivering a cohesive integration of front-end and back-end technologies that enhanced overall system performance.

ACH, Canada

Tech Stack: .NET, C#, SQL Server

Developed a fintech solution for processing gateway payments, achieving a 15% improvement in operational efficiency through streamlined backend processes.

ThisTimeMedia (TMM)

Tech Stack: Next.js, Tailwind CSS, SEO Tools

Created an SEO-optimized landing page that significantly boosted Google performance scores, enhancing digital presence and user engagement.

Squarespace and Webflow - Platform Specialization

Tech Stack: Squarespace, Webflow, HTML/CSS

Delivered unique, responsive designs using Squarespace and expertly migrated websites to Webflow, demonstrating deep proficiency in platform-specific development.

WordPress Multisite (UrbanWalkers)

Tech Stack: WordPress, PHP, MySQL

Optimized a WordPress multisite network by troubleshooting and enhancing performance, showcasing extensive architectural expertise.

For a comprehensive list of all my certificates, you can access them on [Google Drive](#).