

Pinto Manuel

Intermediate Frontend Developer | Full Stack Developer

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1 Professional Summary

Intermediate Frontend and Full Stack Developer with over 5 years of experience in creating responsive and high-performance web applications using React.js, Next.js, TypeScript, as well as developing robust backend systems with .NET Core, Node.js, and databases such as PostgreSQL and MongoDB. Additionally, I have experience in developing RESTful APIs, using frameworks like ASP.NET Core and Angular, and am eager to learn new technologies and tools. Furthermore, I have experience in requirements analysis and developing unit and integration tests, as well as cross-functional experience and stakeholder management in Agile/Scrum environments, utilizing strong leadership and problem-solving skills.

2 Technical Competencies

2.1 Professional Competencies

- **Markup Languages:** JavaScript, TypeScript, HTML5, CSS3
- **Frameworks and Libraries:** React.js, Next.js, React Native, Vue.js, Angular
- **UI Styling:** Tailwind CSS, Material UI, Bootstrap, Ant Design, Figma
- **Frontend Operating Systems:** Shopify, WordPress
- **Performance Optimization:** Memory load, code splitting, accessibility (WCAG), A/B testing

2.2 Backend and Full Stack Competencies

- **Backend Technologies:** .NET Core, Node.js, Express.js, RESTful API, GraphQL, WebSocket
- **Databases:** PostgreSQL, MongoDB, MySQL, Entity Framework Core, SQL Server
- **Cloud and DevOps:** Azure, Docker, CI/CD Pipelines, Git, Vercel, Firebase, Agile/Scrum
- **Architecture:** Microservices, MVC, API design, scalable systems, component-based UI

2.3 Interpersonal Competencies

- **Communication:** Effectively convey technical concepts to diverse teams and stakeholders
- **Team Collaboration:** Facilitate cross-functional collaboration in Agile environments
- **Problem Solving:** Apply critical thinking to resolve complex technical challenges
- **Leadership:** Build teams and enhance collaborative development to achieve project goals
- **Time Management:** Prioritize tasks to meet deadlines and deliver projects on time
- **Attention to Detail:** Ensure high-quality code and user experiences through code reviews
- **Adaptability:** Quickly learn and apply new technologies and project requirements
- **Client-Focused:** Deliver solutions that prioritize user satisfaction and experience
- **Results-Oriented:** Consistently achieve performance and project delivery goals

3 Professional Experience

3.1 Frontend Developer, DeepAlert, Cape Town, South Africa, July 2024 - December 2024

- Improved frontend performance by 35% through optimization of React.js and Tailwind CSS
- Reduced page load times by 70% using lazy loading and Next.js code splitting
- Developed RESTful APIs with .NET Core, integrating PostgreSQL for efficient data management
- Led client-focused accessibility improvements by 50% per WCAG guidelines
- Enhanced team workflow in Agile/Scrum, reducing errors by 50% through code reviews

3.2 Frontend Developer, MWEB, Cape Town, South Africa, July 2023 - December 2023

- Optimized React components and GraphQL queries, improving load speeds by 20%
- Built GraphQL APIs with Node.js, reducing data retrieval times by 40%
- Delivered client-focused UI improvements, increasing satisfaction by 20%
- Optimized authentication and authorization, improving login times by 20% and reducing breach likelihood
- Streamlined CI/CD pipelines with Vercel, shortening release cycles by 15%

3.3 Frontend Web Developer, Fireworks Internet, Cape Town, South Africa, July 2022 - February 2023

- Improved responsiveness by 25% with mobile-first design using Tailwind CSS
- Reduced login times by 20% with cookie-based authentication and JSON Web Tokens
- Reduced code errors by 30% through reusable React component libraries
- Facilitated cross-functional collaboration to deliver high-quality Agile solutions
- Accelerated feature delivery by 25% with component-based design system

3.4 Frontend Web Developer, Sharnet, Cape Town, South Africa, August 2021 - February 2022

- Reduced load times by 25% with React.js and efficient RESTful API integration
- Improved data retrieval by 30% through caching and collaboration with .NET backend
- Reduced UI errors by 40% with rigorous testing and attention to detail
- Enhanced minor improvements by 20% through client-focused responsive design
- Managed stakeholder requirements to optimize system performance by 35%

3.5 Full Stack Developer, Plaval Tech, Cape Town, South Africa, February 2020 - February 2021

- Developed full applications using React.js and Node.js with MongoDB
- Built results-oriented RESTful APIs for seamless frontend-backend integration
- Identified and mapped multitasking and business improvements with future focus
- Implemented responsive UI designs for optimal user experience across devices
- Optimized full stack performance, reducing latency with critical thinking

3.6 Frontend Developer Intern, Netmecnica Studio, Cape Town, South Africa, January 2019 - July 2020

- Developed frontend components using PHP, HTML5, CSS3, and JavaScript
- Optimized page load times by 40% with results-oriented coding practices
- Integrated PHP-based backend with frontend for seamless functionality
- Ensured cross-browser responsiveness with attention to detail
- Leveraged client empowerment, collaborating effectively in Agile workflows

4 Projects

4.1 Point of Sale System, <https://github.com/Pinto1232/jpo-eproc>

Built a full stack point of sale application with Next.js 15 and TypeScript for responsive frontend UI and .NET Core API for backend processing. Implemented real-time inventory management with signals, secure authentication with Keycloak, PostgreSQL database, minimal design, and role-based access control, generating PDF notifications and API documentation with Swagger.

4.2 Inventory Management System, <https://github.com/Pinto1232/StockFlow-Pro>, <https://github.com/Pinto1232/StockFlow>

Developed a full-stack inventory management system with web applications (using .NET Core 8.0, Razor Pages, Entity Framework Core, SQL Server) and mobile (React Native, Expo, TypeScript, Zustand, React Query, SignalR) based on .NET Native. Implemented local role-based access control, real-time stock monitoring, invoice management, automatic restock alerts, product tracking, multi-platform support, secure authentication, offline support, and dashboard analytics with optimistic updates.

5 Certifications and Awards

- The Fundamentals of Digital Marketing, Google Digital Certificate, Google, September 2020
- Higher Certificate in Information Technology, CTI Education Group, June 2015
- Exceptional Performance Award, DeepAlert, Q4 2024

6 Professional Development

- Pursuing AWS Certified Developer - Associate certification
- Contributing to open-source React projects on GitHub

7 Education

7.1 High School, Eritlândia Magna, 2007 - 2010

Course Completed

7.2 Higher Certificate in Information Technology, CTI Education Group, Cape Town, South Africa, 2014 - 2015

Course Completed

7.3 Bachelor of Information Technology, CTI Education Group, Cape Town, South Africa, 2016 - 2018

Completed up to third year, first semester