

# Fred Banda

Motivated Web Developer

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## PROFESSIONAL SUMMARY

Highly skilled and experienced Web and Software Developer with over a decade of proven success in leading development teams and architecting robust applications. Proficient in a wide range of technologies, including MEAN, MERN stacks, Ruby on Rails, C#, .NET, Java, Python, and various frameworks. Adept at utilizing both relational and non-relational databases to drive efficient data management solutions. Demonstrated expertise in implementing cutting-edge technologies such as GraphQL, Prisma, and Apollo to enhance application functionality and performance.

## EDUCATION

**Bachelor of Business Admin**  
University of South Africa  
Cape Town, W. Cape, South Africa  
2011 to 2014

**Certificate in Digital Marketing**  
Google Garage  
Cape Town, W. Cape, South Africa  
2020 to 2020

**Certificate in Business Analysis**  
SimpliLearn  
Cape Town, W. Cape, South Africa  
2020 to 2020

## CORE SKILLS

### PROFESSIONAL

- Search Engine Optimization
- Copywriting and copyediting
- Problem Solving
- Campaign Management
- Data Analysis
- Conversion Rate Optimization
- Content Creation & automation
- Project Management

### COMPUTER

- Funnel Management
- Zendesk
- HubSpot
- Salesforce Administration
- Paid Ads Management
- Google Analytics

## WORK EXPERIENCE

Director and Principal Developer

The First Pitch Group, Cape Town, Western Cape 2013 to date

- Developed and maintained responsive web applications using modern front-end frameworks such as Ruby on Rails, JavaScript, Next.js and React.js
- Developed scalable web applications using ASP.NET Core, ensuring high performance and security.
- Implemented robust data-driven solutions with Entity Framework, optimizing database operations.
- Collaborated on cross-functional teams, delivering software projects on time and meeting client requirements.
- Used Django to develop applications since 2014 because of its Model-View-Controller (MVC) architectural pattern, easy API development from Restful to FastAPI and integrated it with PostgreSQL, MySQL, and SQLite
- Designed and implemented back-end functionalities utilizing technologies such as Node.js, Express.js, and MongoDB, Postgresql, mySQL
- Collaborated with UX/UI designers to create intuitive user interfaces and enhance user experiences
- Developed Ecommerce web application using latest Angular for frontend and Java for backend to take advantage of lightning loading speed.
- Worked with GraphQL, Prisma and Apollo to take advantage of its query simplicity and straight integration to applications.
- Utilized version control systems (e.g., Git, Gitlab) for code collaboration and managed project workflows using agile methodologies.
- Leveraged NestJS in projects, harnessing its scalable architecture and TypeScript support, enhancing development efficiency and creating robust, maintainable APIs

### Internal Sales Representative

Sanlic Bidvest Group, Cape Town, Western Cape 2009 to 2013

- Created a lead funnel to improve conversion rate
- Provided timely and comprehensive solutions to customers problems
- Managed the customer onboarding process

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## ABOUT ME

An enthusiastic tech learner

Self motivated achiever

An entrepreneur

Content Creator

Very curious

**Fluent: English**

## Programming

HTML

CSS

C#

- .NET Framework
- ASP.net

**JavaScript**

- jQuery
- React Framework
- Nextjs
- Vuejs
- Nodejs
- Expressjs
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**Typescript**

- Angular

**Python**

- Django
- Flask

**PHP**

- Laravel

**Java**

- Spring Boot

**Ruby**

- Ruby on Rails

**NoSQL** MongoDB

**SQL**

- Postgresql
- MySQL

**Cloud**

- AWS Lambda
- Ms Azure

## Skills:

- Front-end Development: Proficient in HTML5, CSS3, JavaScript, React, Angular, Vue.js, Next.js and jQuery spanning over 9 years' experience
- Proficient in cloud services: AWS and Azure, demonstrating expertise in infrastructure management, deployment, and optimization.
- Developed a comprehensive school management application using C#, .NET, and ASP.NET, enhancing administrative efficiency and improving communication between staff, students, and parents on role-based login
- Developed a primary school learning management system using NextJs which will enable teachers to list their causes for home schooling kids
- Developed a robust online store using Ruby on Rails encapsulating powerful rails feature in the MVC. Used devise for user security, PostgreSQL for data storage making sure data relationship is layered out.
- Ruby on Rails TDD using RSpec developing scalable applications
- Back-end Development: Node.js, Express.js, Python, Ruby on Rails
- Database: MongoDB, MySQL, PostgreSQL, Sqlite3
- Knowledge of version control systems, including Git, Gitlab and GitHub
- Agile Methodologies
- Understanding of RESTful APIs, FastAPI and asynchronous programming
- Problem Solving and Troubleshooting
- CI/CD, containerization via Docker and Kubernetes and application testing
- Team Collaboration and Communication
- Project Management
- Solid understanding of responsive web design and mobile-first development

## Web Development Projects:

### Projects: Personal Portfolio

- Personal Portfolio made with Nextjs 13, Framer Motion, React [here](#)
- A membership app using Django for its backend [deployed on Cloud](#)
- Developed a CRUD social media web application located [here](#)
- Developed an API consuming app using [YouTube API](#)
- Developed a website using [Web3 and Vue.js](#)
- Repair shop ticketing app with [employee login](#). User: demoa p: demo

### Additional Information:

- Open to continuous learning and professional development to stay up-to-date with the latest web development trends and technologies.
- Proven ability to work effectively in both independent and collaborative environments remotely or hybrid
- Detail-oriented and committed to delivering high-quality work within deadlines.
- Fluent in English