MIKAEEL PATHAN

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SUMMARY

Computer Science Student | Aspiring Full-Stack Developer
Focused and hands-on **Computer Science student** (BCompSci, Varsity College) with real startup and internship experience in **React, TypeScript, Node.js, and ASP.NET Core**. Passionate about creating fast, intuitive digital experiences and solving real-world problems through clean, scalable code.
Proven ability to collaborate in **Agile teams**, integrate APIs, and deliver production-ready interfaces. Currently seeking **frontend or full-stack developer** roles to contribute technical and creative value to real projects.

WORK EXPERIENCE

Frontend Developer Intern – Intellik (Startup)
Remote | Aug 2025 – Oct 2025

- Contributed to the development of a modern South African web platform using React, TypeScript, and Node.js.

- Built responsive, component-based UIs with optimized React hooks and reusable logic.

- Integrated RESTful APIs for dynamic data rendering and improved UI performance by 35%.

- Collaborated in an Agile 2-week sprint cycle with designers and backend developers to deliver new product features.

Job Shadowing Intern – Open Vantage
Gauteng, South Africa | Jul 2024

- Assisted senior developers in optimizing SQL queries, achieving a 20% faster runtime.

- Observed full Software Development Life Cycle (SDLC) including sprint reviews and stakeholder meetings.

- Gained exposure to enterprise-grade backend systems and database structure design.

Participant – Journey Investec
Gauteng, South Africa | Aug 2024

- Collaborated in a cross-functional team to design a scalable fintech business solution.

- Implemented Agile workflows using Jira for sprint planning and backlog tracking, increasing delivery efficiency by 15%.

- Presented final prototype and business pitch to Investec mentors.

EDUCATION

Bachelor of Computer and Information Sciences in Application Development
IIE Varsity College | Jan 2023 – Dec 2025

- Third-year student with a focus on software engineering, algorithms, and full-stack web development.

- Consistently achieved top results across core modules such as Advanced Programming, Database Systems, and Network Engineering, demonstrating strong technical and analytical ability.

- Completed practical projects applying C#, Java, SQL, and web frameworks in real-world contexts.

Projects

Agri-Energy Connect – *C#, ASP.NET Core, Entity Framework, SQL, Razor Pages*
Developed a full-stack platform for farmers to manage renewable energy products.

- Implemented role-based access control and dynamic product filtering.

- Designed a custom UI with Tailwind and ensured data security with model validation.

Portfolio Website – *HTML, CSS, JavaScript*

Created a personal portfolio to showcase projects and skills.

- Designed a responsive, animated UI highlighting technical and design capabilities.

- Includes skills, resume download, and contact form. https://mikaeel-codex.github.io/portfolio/

Payments Portal – *React, TypeScript, Node.js, Firebase, Tailwind CSS*

Developed a secure and responsive payments management web app for handling digital transactions.

- Implemented **real-time payment tracking** using Firebase Firestore and serverless functions.

- Designed a **modern, intuitive UI** with Tailwind and reusable React components.

- Integrated **Node.js APIs** for secure transaction validation and authentication.

- Focused on scalability and maintainability through modular architecture and clear state management. 🔗 GitHub Repository →

Property Rent Management System (In Development) – *Python (Flask), SQLite, React(Typescript), Tailwind CSS, Node.js*

Currently developing a full-stack property management web app to automate rental tracking and tenant communication.

- Implements **tenant profiles, rent statements, and payment status tracking**.

- Includes **WhatsApp integration** for sending monthly rent notifications.

- Designed for scalability with modular backend structure and clean UI templates.

TECHNICAL SKILLS

Languages: Python, JavaScript/TypeScript, C#, SQL, HTML, CSS
Frameworks/Libraries: React, ASP.NET Core, Bootstrap
Databases: MySQL, MongoDB
Tools: Git, GitHub, Jira, Visual Studio, VS Code, PyCharm, Firebase
Design & UI: Figma, Tailwind CSS
Testing & APIs: JUnit, RESTful APIs

SOFT SKILLS

- **Collaborative Mindset:** Experienced working in Agile sprints with cross-functional teams.

- **Analytical Thinker:** Quickly identifies bugs and optimizes code logic.

- **Deadline-Driven:** Delivers quality work under pressure

- **Detail-Focused:** Writes clean, efficient, and maintainable code.

- **Adaptable Under Pressure:** Meets tight sprint deadlines while maintaining quality.