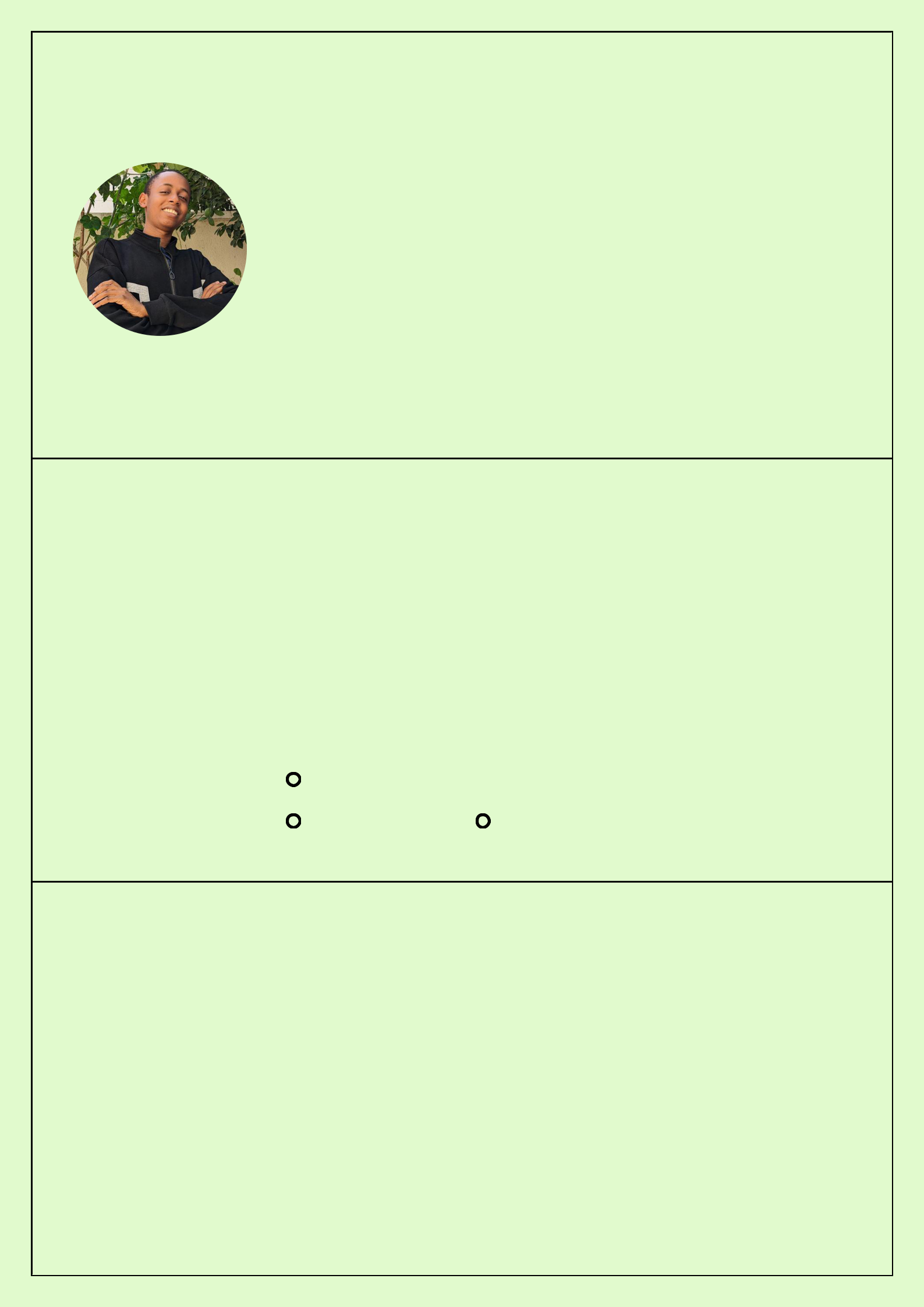
**Backend Developer** Abuja, Nigeria

[tsowamainasara@gmail.com](mailto:tsowamainasara@gmail.com)

[**+2348092213372**](callto:+2348092213372)

**MAINASARA TSOWA**

**PROFILE**

**EMPLOYMENT HISTORY**

Experienced Web Developer adept in all stages of advanced web development, with a diverse journey from finance to education and social media, now leading as CTO at Catlog.

**Skills**

JavaScript  Node.js  Typescript

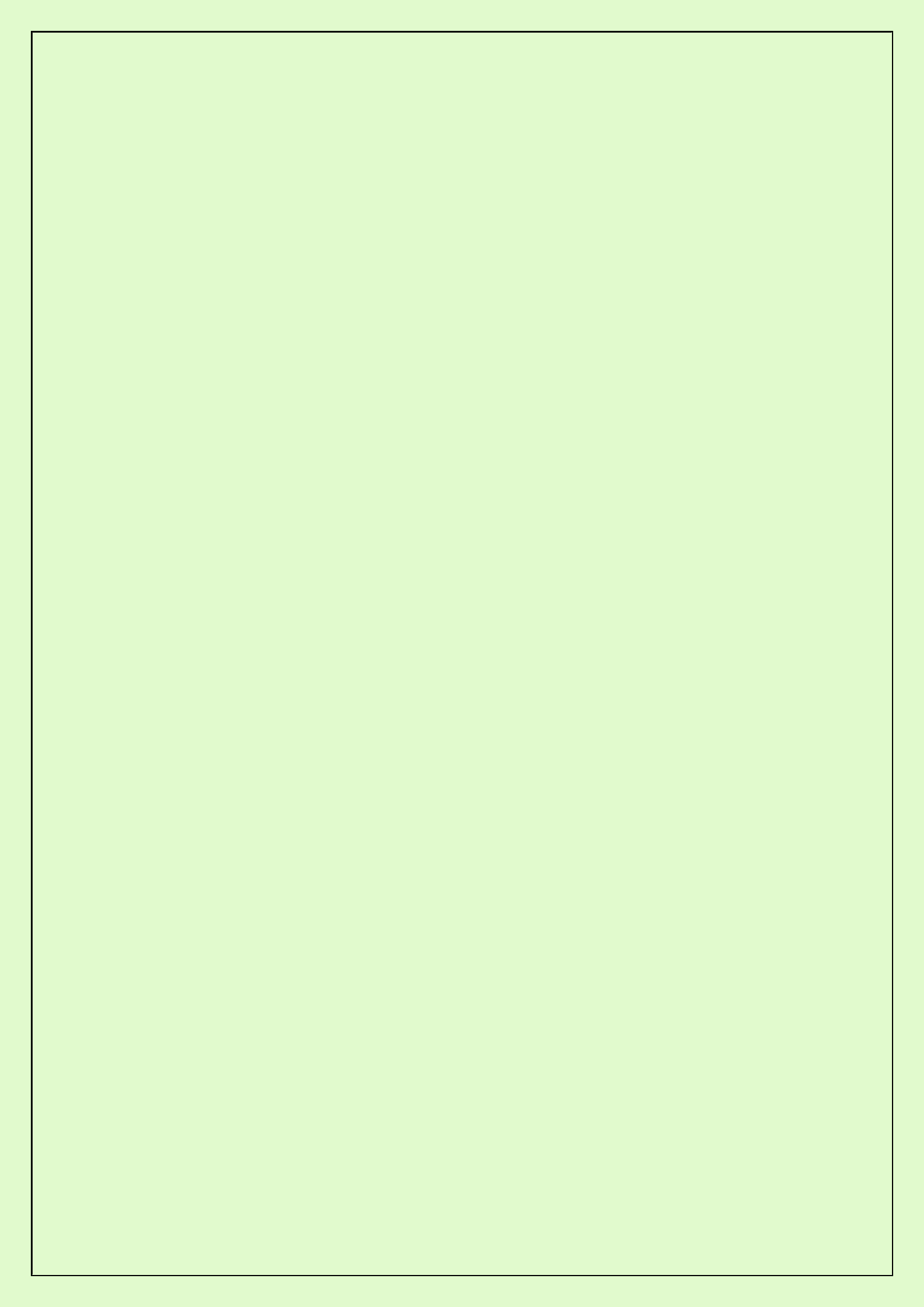
Python Golang

**CTO at Catlog, Lagos**

April 2022 — Present

* Pioneered the creation of Catlog, an innovative SaaS platform designed to empower small and medium enterprises in establishing and strengthening their online presence.
* Orchestrated seamless order management, streamlined payment processing, and facilitated integrated social media connections for effortless order placement.
* Leveraged Next.js and React on the frontend, harmonizing them flawlessly with the backend functionalities to ensure a cohesive user experience.
* Led the management of CI/CD pipelines and cloud hardware provisioning on DigitalOcean
* Engineered the backend using cutting-edge technologies like Node.js (Nest.js) and Go, ensuring robustness and scalability for optimal performance.

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| **Mainasara Tsowa** | **+2348092213372** |



**Lead Backend Engineer at Vorbtech Innovative Solutions, Abuja**

July 2023 — October 2023

* Spearheaded a groundbreaking big data initiative, orchestrating the comprehensive analysis of publicly available internet data from diverse sources such as articles, tweets, and beyond.
* Crafted robust data crawling components utilizing Golang, ensuring efficient and precise data aggregation.
* Played a pivotal role in frontend development by contributing expertise to Next.js, enhancing user-facing functionalities.
* Proficiently managed the retrieval and storage of extensive public data from the internet, ensuring streamlined and reliable operations.
* Leveraged Python to conduct precise entity identification within the amassed data, optimizing content categorization.
* Employed advanced methodologies to extract pertinent entities from the vast content pool, ensuring meaningful and actionable insights.
* Innovatively engineered API handling modules using Node.js, enabling seamless and efficient data management and processing.

**Backend Engineer at Oudi, Abuja**

February 2021 — September 2022

* Pioneered the creation of Oudi, an innovative voice-centric social media platform, revolutionizing the seamless generation and sharing of audio content and messages.
* Engineered a robust backend using Node.js (Typescript) to seamlessly manage pivotal functionalities such as login, sign-up, and other core features, ensuring a user-friendly experience.
* Leveraged Go cloud functions to expertly handle audio posts and implement an algorithmic feed sorting mechanism, optimizing the platform's content delivery and user engagement.

**Backend & DevOps Engineer at Rushpie LTD., Abuja**

August 2020 — August 2022

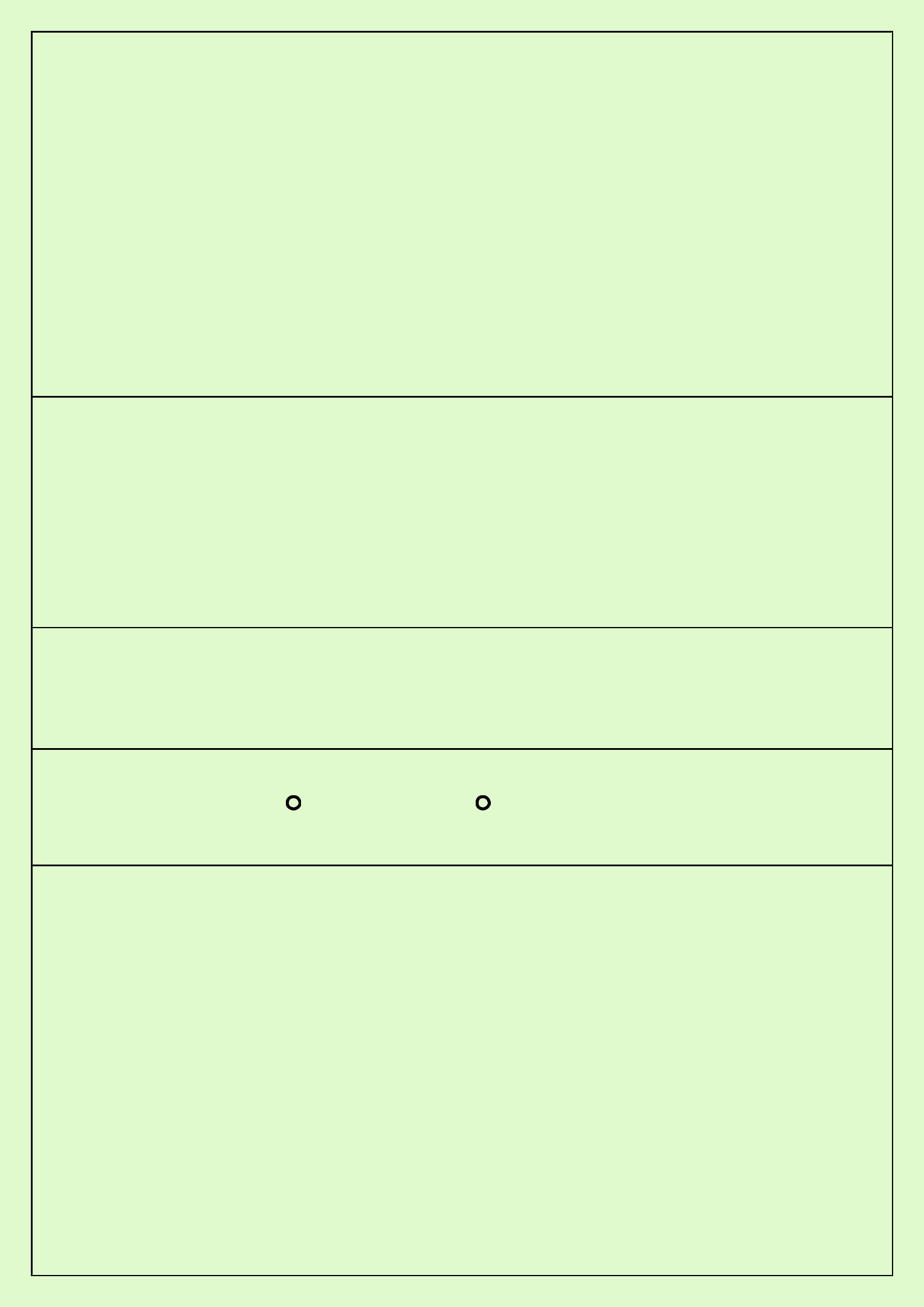
* Spearheaded the development of Apine, a cutting-edge library designed to streamline bug reporting and resolution, initially tailored for React Native environments.
* Innovated the inclusion of screenshot capabilities within bug reports, significantly enhancing the efficiency of the debugging process.
* Crafted a robust REST API employing Typescript, Firebase, Node.js, and Express, ensuring seamless functionality and high performance.
* Seamlessly integrated Apine with the Next.js frontend codebase, harmonizing its features for a cohesive and user-friendly experience.
* Led the backend development of the Rushpie Saas, utilizing Typescript, AWS S3, AWS ELB and Express.js
* Automated domain purchase logic using AWS Route 53, static website deployments to AWS S3 using AWS CDK and led DevOps operations.

**Backend Engineer at Provarex, Abuja**

January 2019 — October 2019

* Pioneered development for Provarex Academy, a bespoke learning platform curated specifically for remote regions with limited internet accessibility, providing unfettered access to crucial video lessons and educational resources for students.
* Engineered the website leveraging Laravel's robust capabilities, employing various features to optimize the learning journey for both students and educators alike.

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**Junior Fullstack Developer at Asusu LTD., Abuja**

December 2018 — April 2019

* Spearheaded Asusu, an expansive platform designed to provide specialized financial management services to small businesses.
* Crafted distinct components, each meticulously tailored to fulfill a specific operational objective.
* Orchestrated an Ionic-powered application, empowering users to access cooperatives, facilitate savings, request loans, and engage with merchants for installment payments.
* Engineered an administrative app using Ionic, dedicated to the creation and oversight of cooperatives within the Asusu platform.

**EDUCATION**

**BSc. Cyber Security, Federal University of Technology, Minna**

August 2016 — July 2023

Graduated with a Second Class (Lower Division) score [3.23 / 5] CGPA

**LINKS**

**LANGUAGES**

**PET PROJECTS**

Github [Website](https://neutrino2211.github.io/)

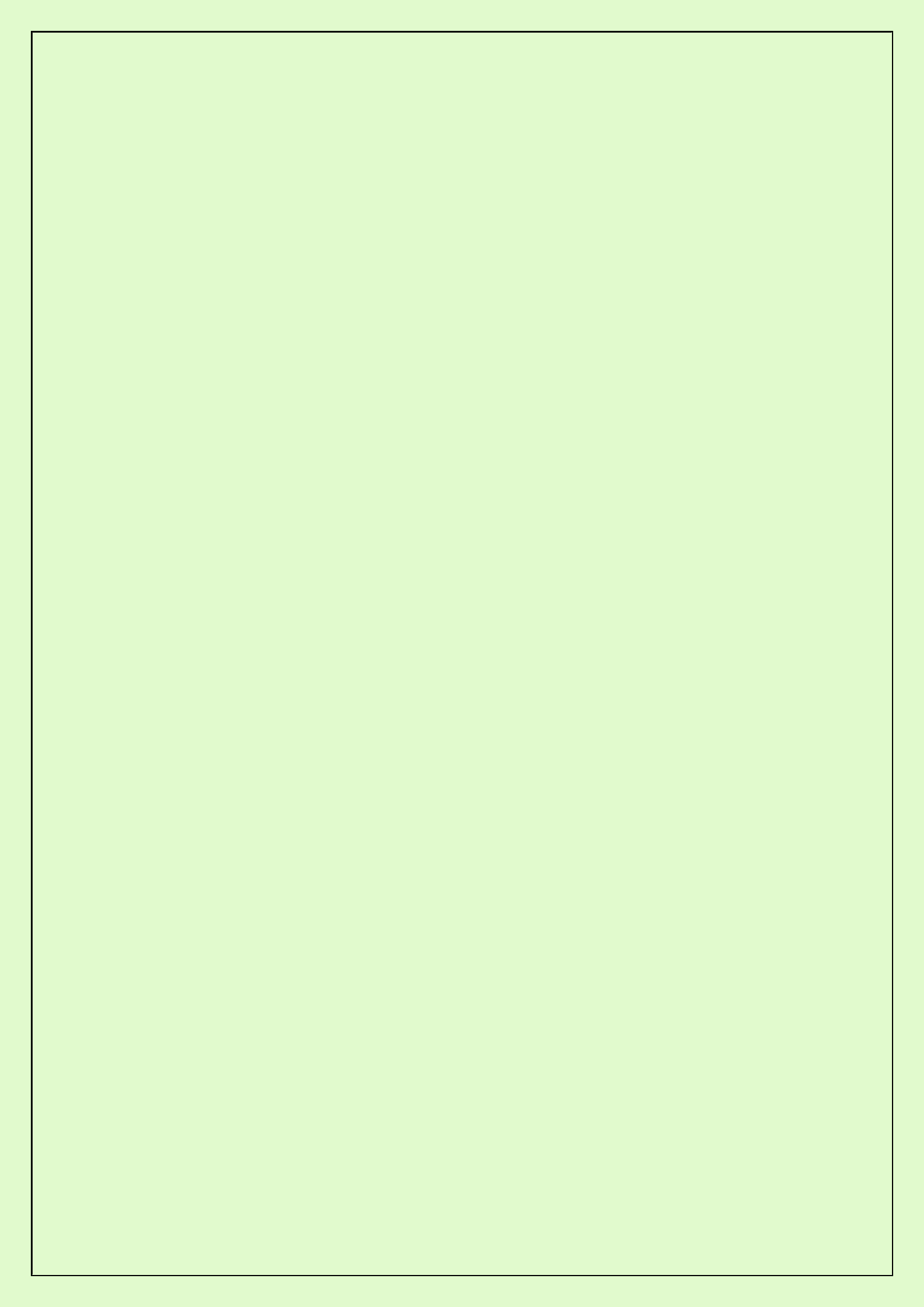
English Hausa

**Gecko**

An experimental general purpose programming language designed to be easy to grasp with an uncomplicated syntax which compiles to machine code

**NomadDB**

An experimental decentralized data storage system, emphasizing data ownership and high speed performance.

**Mainasara Tsowa** **+2348092213372**

**Scryer**

A networkHbased intrusion detection system (IDS) designed to protect your network from external threats.