

# EROMOSELE ISRAEL

## Full Stack Developer

+234 913 442 7730 • ayomi.eromosele@gmail.com • github.com/romszikey-web • Lagos, Nigeria

### TECHNICAL SKILLS

#### Frontend

HTML5 • CSS3 • JavaScript  
Three.js • WebGL • 3D Graphics  
Responsive Design • UI/UX

#### Backend

Python • Flask • Django  
RESTful APIs • Database Design  
SQL • PostgreSQL • SQLite  
Web Scraping • Automation  
Google Sheets API

#### Cloud & DevOps

Render • Railway • Cloudinary  
Git • GitHub • GitHub Actions  
CI/CD • Docker • Agile/Scrum

#### Development Focus

Web Applications  
3D Visualizations  
API Integration  
Database Architecture  
Cloud Deployment

### EDUCATION

#### Higher National Diploma

Computer Science  
  
Focus: Software Development,  
Programming Principles,  
Systems Architecture

### PROJECT LINKS

GitHub Portfolio  
iPhone Visualizer Demo  
Email Reporter Repo  
Recipe Planner Demo  
Expense Tracker Demo  
Task Manager Demo

### PROFESSIONAL SUMMARY

Passionate Full Stack Developer with 5+ years of experience crafting innovative web applications and interactive experiences. Specialized in Django and Flask for robust backend systems, with expertise in pushing web technology boundaries through 3D visualizations using Three.js. Proven track record of delivering 20+ production applications—from scalable recipe management platforms to immersive 3D product visualizers. Strong expertise in the full development lifecycle including database design, API development, responsive frontend interfaces, and cloud deployment. Driven by solving real-world problems with clean code, modern technologies, and relentless focus on user experience.

### PROFESSIONAL EXPERIENCE

#### Freelance Full Stack Developer

*Self-Employed | 2019 – Present*

- Architected and deployed **20+ responsive web applications** using Flask, Django, Three.js and modern frontend technologies, serving diverse client needs across industries
- Designed and implemented **RESTful APIs and PostgreSQL database schemas** supporting complex data relationships and efficient query performance for production applications
- Integrated **third-party APIs and cloud services** (Cloudinary, TheMealDB) for enhanced functionality, media storage, and seamless data synchronization
- Developed comprehensive **authentication systems and CRUD operations** with user session management, role-based access control, and data validation
- Established **CI/CD pipelines and cloud deployment workflows** on Render and Railway, ensuring reliable application delivery with 99%+ uptime
- Collaborated directly with clients to gather requirements, iterate on designs, and deliver **scalable solutions within tight deadlines**, maintaining 95%+ client satisfaction rate

### KEY PROJECTS

#### iPhone 17 Pro Concept 3D Visualizer | Interactive Web Application

[Three.js \(r128\)](#) • [JavaScript ES6+](#) • [WebGL](#) • [3D Graphics](#) • [Procedural Geometry](#)

- Built ultra-realistic **3D interactive visualizer** using procedural geometry with no external model files
- Implemented **custom color picker with 6 Titanium color variants** and real-time material switching
- Developed detailed geometry including Dynamic Island, camera bar, LiDAR sensor, and USB-C port
- Created **responsive touch and mouse controls** with auto-rotation and zoom capabilities
- Applied PBR materials with environment mapping for photorealistic metallic rendering
- Live Demo →

#### Daily Automated Email Reporter | Automation System

[Python](#) • [SMTP](#) • [Google Sheets API](#) • [GitHub Actions](#) • [BeautifulSoup](#) • [API Integration](#)

- Built **fully automated daily digest system** aggregating personalized content from multiple sources via email
- Implemented **GitHub Actions automation** for zero-cost autonomous execution with scheduled workflows
- Integrated **Google Sheets API** for dynamic subscriber management and personalized location-based reports
- Developed **multi-source data aggregation** (weather, tech news, GitHub trends, quotes) with error handling
- Designed beautiful HTML email templates with responsive formatting for optimal readability
- GitHub Repository →

#### Smart Recipe Planner | Full-Stack Web Application

[Django 5.2.6](#) • [PostgreSQL](#) • [Cloudinary](#) • [WhiteNoise](#) • [Render Deployment](#)

- Built comprehensive meal planning platform with **recipe discovery, pantry management, and automated shopping lists**
- Integrated **TheMealDB API** providing access to 1000+ recipes with advanced search and filtering capabilities
- Implemented **Cloudinary media storage** for user-uploaded recipe images with automatic optimization
- Deployed production-ready application on Render with **PostgreSQL database and security configurations**
- Designed responsive UI supporting seamless mobile and desktop experiences
- Live Demo →

#### Expense Tracker with AI Insights

[Django](#) • [Python](#) • [PostgreSQL](#) • [AI Integration](#) • [RESTful APIs](#)

- Built full-stack financial management application with **AI-powered spending analysis** and predictive insights
- Implemented **secure user authentication, data visualization, and export functionality**
- Optimized database queries achieving sub-200ms response times for enhanced performance
- Live Demo →

#### Task Manager Application

[Flask](#) • [Python](#) • [SQLite](#) • [JavaScript](#) • [Responsive CSS](#)

- Developed intuitive task management platform with **filtering, priority sorting, and status tracking**
- Designed **RESTful API architecture** enabling seamless CRUD operations and data persistence
- Live Demo →