

ENOCH GRAHAM

SOFTWARE ENGINEER

Tel: • +254790482014 • enochgraham003@outlook.com

• linkedin.com/in/enoch-graham • github.com/graham005 • enoch-graham.vercel.app

Nairobi, Kenya

OBJECTIVE

Results-driven Software Engineer skilled in transforming ideas into performant full-stack and mobile applications. Proficient in a modern tech stack including **React, NestJS, .NET, and Flutter**. Seeking to join a collaborative team where I can apply my development skills to build impactful, user-centric software.

SKILLS

Programming Languages:

C#, Dart, Typescript

Backend Technologies:

.NET, Node (Nest.js)

Databases:

PostgreSQL, SQL Server, SQLite

Frontend Technologies:

React, Tailwind CSS

Version Control:

Git & Github, Azure Repos

Mobile Technologies:

Flutter

EDUCATION

Bachelor of Science in Computer Science

September 2021 • Kirinyaga University • Kerugoya, Kenya

Software Development

May 2024 • Power Learn Project • Nairobi, Kenya

WORK EXPERIENCE

Software Developer Trainee • Teach2Give Company

May 2025 – August 2025 • Kutus, Kenya

- Collaborated with a team to develop scalable web applications, enhancing skills and team communication.

IT Technician Intern • Kiswa Technical Training Institute

April 2023 – August 2023 • Bungoma, Kenya

- Inspected equipment and machinery to detect damages, conducting minor repairs or replacements
 - Updated operating systems and computer software to enable compatibility with programs.
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PROJECTS

MedDash – React, NestJs, TypeScript, PostgreSQL

- Developed a full-stack hospital and telemedicine platform to digitize and streamline healthcare workflow.
- Engineered a robust RESTful API using NestJS and TypeScript to handle appointments, electronic prescriptions and emergency service requests.
- Built a dynamic and responsive front-end with React and Tailwind, providing an intuitive dashboard for patients, doctors, paramedics, and administrators.
- Designed and implemented a secure PostgreSQL database schema to manage complex relationship between users, appointments, and medical records.

E-Ferme – Flutter, Dart, Firebase, SQLite

- Developed a full-stack Flutter application to help farmers optimize resource usage and increase crop yield.
- Integrated a TensorFlow Lite AI model for disease detection from plant images, achieving a 95% accuracy rate in testing.
- Implemented robust offline capabilities using SQLite, allowing farmers to access critical data without internet connection.
- Utilized Firebase authentication, cloud storage, and real-time data syncing across devices.

Distributed Chat Application – C#, Dart, Flutter, SQL Server

- Designed and built a fault-tolerant, distributed chat system where a single Flutter client can connect to multiple C# backend servers.
- Developed a custom synchronization protocol to replicate message data across all server instances, ensuring high availability.
- The system successfully maintained seamless real-time messaging for users during simulated server outages, achieving 99.9% uptime in testing.
- Demonstrated strong understanding of client-server architecture, sockets, and concurrency management.

Learning Management System – C#, ASP.NET MVC, SQL Server

- Architected and developed a full-featured LMS from the ground up using ASP.NET MVC, providing a centralized platform for online learning.
- Designed a normalized SQL Server database to efficiently manage users, courses, enrollments, and progress tracking.
- Implemented a clean, responsive front-end with Razor views and Bootstrap to ensure an accessible user experience on all devices

BADGES AND CERTIFICATIONS

[JS AI Build-a-thon](#) | Microsoft Americas Azure Team | July 2025