

Alex Maguru

Objective

To create impactful Applications and UI/UX designs, collaborating closely with clients to deliver visually captivating and user-centered solutions. I strive to exceed client expectations and continuously grow as a full-stack developer by combining strong communication, attention to detail, and a passion for innovation.

EXPERIENCE

Freelance, Full-stack Developer — Fiverr

February 2021- PRESENT

- Designed and developed websites for clients using HTML, CSS, Sass, JavaScript, PHP, Node.js, React, Angular, and Vue.
- Designed and developed mobile apps for clients using Jetpack compose, kotlin, java, react for PWAs.
- Designed UI/UX, prototypes, wireframes, icons, and illustrations using Adobe(XD, Illustrator, After Effect), and Figma for clients.
- Implemented responsive web design using Bootstrap and Tailwind.
- Managed databases using MySQL, PostgreSQL and MongoDB.
- Ensured web security and performance optimization as well as SEO and accessibilities.
- Hosted multiple web apps and sites on AWS, Azure, Firebase, and Hostinger servers. - Integrated some sites with payment gateway APIs such as Paypal, Stripe, and m-pesa daraja stk

PROJECTS

Workload Allocation System / School Project

Jan 2022 - April 20122

- Designed and developed a Workload Allocation System web app for school using PHP(backend), Angular(frontend), Bootstrap4 and Sass for styling, and Adobe XD for Prototyping and UI/ UX design. - Managed database using MySQL. - Ensured web security such as CORS(Cross-origin Resource Sharing), XSS (Cross Site Scripting), and performance optimization.

 [Prototype](#)

Portfolio / Personal project

July 2023 - August 2023

- Designed and developed my portfolio using Node js(backend) express, Angular(frontend), Firebase NoSQL. Bootstrap 5 and Adobe XD for prototyping

 [link](#)

Bible App / Personal project

August 2023 - PRESENT

- Started working on a bible app. It's a hybrid app installable for android, windows and iOS. Techs being used: Next js PWA backend and frontend Apollo-GraphQL API. MongoDB for database and tailwind css

 [Prototype](#)

alexmaguru@outlook.com

+254 734666674

+254 798646609

P.O.Box 17-10303

Wang'uru, Kenya.

EDUCATION

Meru University —

B.Sc. Computer Science

Nov 2020 - 2024, Meru

- Expected Graduation year: 2024

Kianyaga High School — KCSE

Jan 2016 - Dec 2019, Kirinyaga

- Kenya Certificate of Secondary Education

- Grade: B

SKILLS

- Programming languages: JavaScript (ES6+), C#, C++, Java, Kotlin, PHP, Python

- Web development: HTML, CSS, Bootstrap, Tailwind, jQuery, React, Next, Angular, Node.js, Redux

- Mobile development: Android Studio, Kotlin, Jetpack compose, React Native, Flutter

- UI/UX Design: Adobe XD, Figma, Adobe Illustrator, Adobe After-effects

- Database management: MySQL, MongoDB, postgresSQL, Firestore

- Data mining: Python, Orange

- APIs: GraphQL, RestAPI

- VCS: Git

Interests

- programming, UI/UX designing, Game development

Bishop Njuguna college website/ Client project

January 2024 - PRESENT

- Started working on a client's project. It's a PWA college app installable for android, windows and iOS. Techs that i'm using: PWA , tailwind css for frontend . MongoDB serverless for database and AWS lambda functions(serverless architecture). The client wants a cost optimized system that's why I chose serverless architecture

 [dev tunnel](#)

NetDoc HMS/ Client project

September 2024 - PRESENT

- I joined a team to work on a Hospital Management System. It's a subscription-based HMS system for hospitals. Techs that we are using: Angular css for frontend. Firebase NoSQL database and Node js server.

 [Link](#)