

# ABDULSHAKUR ABUBAKAR

## Full Stack Developer

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in @ashakur

🌐 [Portfolio](#)

## About Me

I am a self-taught developer currently studying at Riara University, with relevant experience in web development, architecture, and design. I am highly motivated and passionate about my work, consistently delivering high-quality and scalable products. My skills include JavaScript, React, NodeJS, MySQL, PostgreSQL, and more.

From the moment I produced "Hello World" in the console of my first application, I was hooked on web development. For me, web development is more than just a job; it's an exciting challenge to continually learn and improve my skills. What started with a simple "Hello World" has grown into a full-fledged passion that keeps getting more exciting.

Below you'll find projects I've completed that showcase my skills and general background in developing websites.

## Personal Projects

### BrainBot<sup>🔗</sup>

Developed BrainBot, a MERN stack (MySQL, Express, React, Node.js) Learning Management System designed to revolutionize online learning. Integrated the ChatGPT API for conversational AI capabilities, enabling dynamic and interactive learning experiences.

Initially deployed on GCP, then migrated to Azure

### TechBot<sup>🔗</sup>

TechBot is a ChatGPT-like application built on the MERN stack (MySQL, Express, React, Node.js) with TypeScript. It features real-time communication, OpenAI API integration, and modern frontend tools like Redux and React Query, creating a robust AI-powered chat platform. It also features an audio transcription with whisper model.

Deployed on Azure VM instance.

### Space Tourism<sup>🔗</sup>

Replicated high-fidelity Figma designs into a fully functional website for a Front-end Mentor challenge. Demonstrated expertise in front-end development and UI/UX implementation. Enhanced user experience by adding image swiping functionality, skillfully utilizing debounce and throttle functions for performance optimization. Deployed the project to the Netlify cloud for seamless accessibility.

## Education

**Riara University** Kenya, Nairobi, along Mbagathi Way

Bachelor of Science in Computer Science 2022 - 2025

Diploma in Computer Science 2019 - 2021

## Skills

### Hard Skills

- **Front-end:** HTML, CSS, JavaScript, ReactJS, NextJS, Styled Components, Chakra UI, Framer Motion
- **Back-end:** NodeJS, ExpressJS, PostgreSQL, MongoDB, MySQL
- **API Integration:** ChatGPT API, REST Countries API, Bayut API, etc.,
- **Version Control:** Git
- **Cloud Platforms:** Heroku, Netlify, DigitalOcean, AWS, Azure, GCP

### Soft Skills

- Self-taught
- Problem-solving
- Project Management

## Languages

HTML, TypeScript, JavaScript, CSS/SASS/SCSS, and SQL.

## Tools and Cloud Platforms

Git, GitHub Actions (CI/CD), Netlify, Heroku, and AWS (EC2)

## Other Tools

Figma, Adobe XD

## Certifications

### Web Development

June 2021 - Decemeber 2021

[Certification ID: 190-251-504](#) [↔](#)

### Full-Stack Engineer Career Path

August 2021 - Decemeber 2021

[Credential ID: CBAEGV569CHH](#) [↔](#)