

# ABDISHAKOOR HASSAN

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## PROFESSIONAL SUMMARY

Full-Stack Developer specializing in React/Next.js ecosystems with demonstrated success building responsive web applications and AI-powered solutions. Combines technical expertise with teaching experience to deliver intuitive user interfaces and scalable architectures. Passionate about leveraging emerging technologies to create practical, user-centred solutions that drive business value.

## EDUCATION

### Bachelor of Science in Computer Science

Kenyatta University, Nairobi | 2019 – 2024

### Kenya Certificate of Secondary Education (KCSE)

Kenyatta High School, Mwatate | 2015 - 2018

## EXPERIENCE

### 1. Full-Stack Developer | 2025

M-Treat, Nairobi

- Built and maintained responsive web applications using React with Material UI and Django (DRF) for the backend.
- Collaborated closely with designers and backend engineers to deliver polished and accessible user interfaces.
- Implemented secure authentication and session management across Django and React.
- Focused on frontend performance, ensuring fast load times and consistent cross-browser behaviour.
- Integrated RESTful APIs from Django backend into React apps using Axios and React Query.
- Contributed to UX enhancements based on user feedback and usage analytics.

### 2. Computer Science & IT Instructor | 2024

Blue Star Educational Centre, Nairobi

- Teaching web development with React, Next.js, HTML, CSS, and JavaScript.
- Instructing students in graphic design using Adobe Photoshop, Illustrator, and Canva.
- Guiding students in UI/UX best practices, responsive design, and modern design trends.
- Mentoring students on front-end development projects, preparing them for real-world applications.

### 3. Technical Intern & IT Support | 2023

Technical University of Mombasa (ICT Department), Mombasa

- Installed and maintained network cabling & hardware, improving network reliability.
- Provided student and staff support, troubleshooting technical issues and software applications.
- Assisted in testing newly launched websites, ensuring functionality and security compliance.
- Conducted training sessions on new IT services, enhancing user adoption.

## PROJECTS

### 1. AI Travel Planner | [Link](#)

Technologies: Vite, JavaScript, Gemini AI, Tailwind CSS

- Created an AI-powered trip planning tool that helps users generate customized travel itineraries.
- Integrated Google Maps API to display location-based recommendations for hotels, and attractions.
- Users can input preferences such as budget, travel duration, and interests, and receive personalized travel plans.
- The AI suggests optimized routes and travel tips, making it easier for users to explore new destinations.

### 2. Doctor Appointment System | [Link](#)

Technologies: Next.js, Hygraph CMS, Tailwind CSS, GraphQL, Kinde

- Developed a web-based platform that allows patients to schedule doctor appointments online with ease.
- Integrated a real-time availability system, enabling users to see open time slots and book instantly.
- Implemented automatic appointment reminders via email, reducing patient no-show rates.
- Ensured secure authentication and role-based access for doctors and patients to protect user data.

### 3. AI Video Creator | [Link](#)

Technologies: Next.js, TypeScript, NeonPg, Tailwind CSS, Clerk

- Developed an AI-powered platform for creating professional YouTube shorts with minimal effort.
- Implemented secure user authentication and management using Clerk.
- Built a responsive and intuitive interface allowing users to generate videos across multiple devices.
- Integrated AI technologies for automated video creation from user prompts and preferences.

## SKILLS

- Programming Languages: JavaScript, TypeScript, Python, Java
- Web Development: React, Next.js, Tailwind CSS, Node.js, Django, Express.js, Supabase, MySQL, PostgreSQL
- Cloud & DevOps: Vercel, Firebase, Git, AWS, Render
- Data Analysis: Excel, Power BI, SQL Queries, Tableau