

# ABDISHAKOOR HASSAN

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## PROFESSIONAL SUMMARY

Driven and creative Software Engineer passionate about building intuitive, scalable solutions that solve real-world problems. Skilled in full-stack development, API integrations, and process optimization. Adept at collaborating with cross-functional teams to create seamless user experiences. Strong problem-solving mindset with experience in data analysis, project management, and IT support.

## EDUCATION

### Bachelor of Science in Computer Science

Kenyatta University, Nairobi, Kenya

## EXPERIENCE

### 1. Front-End Engineer | Feb 2025 – Present

*M-Treat, Nairobi*

- Developing and maintaining responsive web applications using React, Next.js, and Tailwind CSS.
- Collaborating with designers and backend developers to create intuitive user interfaces.
- Optimizing application performance and ensuring cross-browser compatibility.
- Implementing authentication systems and enhancing UI/UX for better user engagement.

### 2. Computer Science & IT Instructor | July 2024 – Jan 2025

*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 | Oct 2023 – Dec 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. 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.
- Designed an intuitive and mobile-friendly user interface, making it accessible on any device.

### 2. 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.

### 3. Property Management System | [Link](#)

*Technologies: React, Node.js, Next.js, Supabase, Clerk*

- Developed a web platform for landlords and real estate agents to list, manage, and track property rentals.
- Implemented a search and filtering system, allowing users to find properties based on price, location, and features.
- Integrated a tenant inquiry system, enabling potential renters to communicate with property owners directly.
- Used real-time notifications to alert landlords of new tenant requests and property status updates.
- Designed a secure login system with role-based access for landlords, tenants, and administrators.

## SKILLS

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