Ahmed Mohamed Hassan
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PROFILE:

A Front-End Developer with 4 years of hands-on experience, specializing in crafting intuitive and responsive web interfaces using **ReactJS, Typescript, NextJs, TailwindCSS, and Material UI**. I have a strong background in back-end development, harnessing the power of **Python and Django** to create robust server-side solutions. In addition, I am passionate about **machine learning** and have completed a Machine Learning for Beginners course on Udemy, where I gained practical skills in data preprocessing, visualization, model training, and applying both supervised and unsupervised learning algorithms. I can efficiently transform and clean data, visualize insights, and develop predictive models to solve real-world problems.

My interdisciplinary skills allow me to collaborate effectively with both technical and non-technical teams, driving projects to successful completion. I am committed to continuous learning, and I aim to stay at the forefront of technology and data science advancements to deliver high-performance, scalable, and user-centric applications.

EDUCATION

YEAR	INSTITUTION	CERTIFICATE
2019-2024	JOMO KENYATTA UNI OF AGRICULTURE AND TECHNOLOGY	BACHELOR OF INFORMATION TECHNOLOGY
2012-2015	GREEN-LIGHT SECONDARY SCHOOL	KENYA CERTIFICATE OF SECONDARY EDUCATION (KCSE)
2009-2011	GAMBELLA PRIMARY SCHOOL	KENYA CERTIFICATE OF PRIMARY EDUCATION (KCPE)

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript (ReactJS, TypeScript, Node.js)

- **Machine Learning:** Supervised Learning, Unsupervised Learning, Model Training, Data Preprocessing, EDA (Exploratory Data Analysis), Model Evaluation, Ensemble Learning

- **Libraries & Frameworks:** ReactJS, Django, Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, TensorFlow

- **Web Technologies:** HTML, CSS, TailwindCSS, Material UI, Reactjs/Typescript/NextJs,Python, Django

- **Tools:** Git, GitHub, Jupyter Notebooks, VS Code, Anaconda

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COURSES & CERTIFICATIONS

- **Machine Learning for Beginners (Udemy)**

  - Key Learnings: Data Preprocessing, Supervised Learning, Unsupervised Learning, Model Evaluation, Applied Statistics, Ensemble Learning, EDA, and Final Project.

- **Bachelor of Information Technology** – Jomo Kenyatta University of Agriculture and Technology

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WORK EXPERIENCE

Front-End Developer

Platerate

USA, New York

January 2024– Present

Built and optimized high-performance web applications using ReactJS, ensuring smooth and efficient user interactions across various projects.

Collaborated with back-end teams to seamlessly integrate front-end components with server-side logic,

delivering responsive and secure user experiences

Designed reusable UI components and implemented automated testing strategies, enhancing

performance, accessibility, and security across multiple platforms

Front-End Intern
Soft Clan Tech Limited, Nairobi, Kenya
January 2023 – May 2023

- Developed high-performance web applications using ReactJS.

- Created reusable UI components for various projects.

- Collaborated with back-end developers to integrate front-end features with server-side logic.

- Implemented front-end features ensuring responsiveness and accessibility.

- Optimized front-end performance and maintained high levels of security.

- Designed and implemented automated testing strategies.

Front-End Instructor
Samaha Institute of Technology, Nairobi, Kenya
July 2021 – December 2022

- Taught advanced ReactJS concepts and modern web technologies.

- Guided students in developing complex web applications.

- Ensured that the curriculum stayed up-to-date with industry trends and best practices.

CAREER ASPIRATIONS

I am passionate about using my skills in web development and machine learning to deliver high-impact solutions. As I continue to build on my expertise, I aim to become an expert in both web development and Machine Learning, leveraging machine learning to enhance user experiences and drive business growth. I aspire to take on challenging roles where I can apply my skills in transforming, cleaning, and visualizing data, as well as training models using various machine learning algorithms. My long-term goal is to lead a team of talented professionals to create innovative solutions that will positively impact users and organizations.