**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

**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

**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.