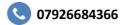
HAKEEM DAHOU













PROFILE

SC Cleared Software Engineer with over 3 years of hands-on development experience, specialising in front-end technologies including JavaScript, React, Next.js, and TypeScript. Certified AWS Cloud Practitioner.

Proficient in guiding projects from initial concept through to completion, ensuring alignment with both technical and business objectives.

EDUCATION

• Zero to Mastery Academy: Complete Web Developer, Complete React Developer, Advanced JS concepts, DataStructures & Algorithms (2020-2023)

HTML5, CSS3, Tailwind, JavaScript, TypeScript, Git/GitHub, NPM, React/Redux, React-Router, HTTP/JSON/AJAX,API's, Node.js, Express.js, SQL, PostgreSQL, Firebase, Stripe, Jest, Enzyme, Webpack

 University of Birmingham BSc Mathematics (2018)

EXPERIENCE

Software Engineer Hamiltonian Dynamics

June 2023 - present

Hamiltonian Dynamics is a software consultancy that provides mission critical software to customers in the Cyber Security, Defence and IT sectors.

Tech Stack: JavaScript, Typescript, React, Next.js, Python, FAST Api, Tailwind, Material UI, Figma, Docker, AWS, Elasticsearch, Scrum, Jira, Confluence, Git, Gitlab, WSL

- Development of a greenfield product, the Data Analytics Framework, featuring a microservices architecture comprising circa 50 microservices.
- Led the front-end redesign of the Data Analytics Framework, transitioning from an outdated UI to a modern interface.
- Translating Figma designs to front-end components.
- Successfully migrated the codebase from JavaScript to TypeScript, enhancing code maintainability and scalability.
- Implemented state management using the context API, enhancing application maintainability and performance by transitioning from an architecture with no state management.
- Extensive refactoring of the front-end codebase, resulting in improved reusability, maintainability, and overall performance.
- Provided guidance to junior team members in front-end development technologies (React, Typescript, Next.js).
- Backend development utilising Python FAST API and Elasticsearch for database querying.

Solutions Consultant eGain Corporation Ltd March 2022 – June 2023

eGain Corporation is a SAAS company providing digital customer engagement solutions to large enterprise clients.

Tech Stack: HTML, CSS, JavaScript, React

- Develop custom demo templates based on specific client requirements.
- Branding of common demo templates to match client branding.
- Develop custom components for analytics demo system.
- Consultation with prospects and existing clients to gather and document technical and non-technical requirements for their digital transformation projects.
- Translating client requirements and expectations into custom product demonstrations by designing, developing and demonstrating eGain solutions that meets those needs.
- Responding to RFI/RFP documents to answer technical & non-technical questions about our products and services.

Bulb Energy - Energy Specialist
Intelling Ltd - NHS Track & Trace Customer Associate
First Recruitment Group - Recruitment Consultant
FourPointZero Recruitment - Recruitment Consultant

Jan 2021 – March 2022 May 2020 – Jan 2021 Aug 2019 – March 2020 Sep 2018 – Feb 201

PERSONAL PROJECTS

Country Stores - E-commerce Website - React, Next.js, Context API, Typescript, Tailwind, Figma, AWS

- Developed an E-commerce website for a country shop using React and Next.js.
- Utilized Context API and Typescript for state management and type safety.
- Implemented a responsive and visually appealing UI using Tailwind CSS, with design collaboration in Figma.
- Deployed the website on AWS.

Crwn-Clothing - E-Commerce Website - React, Redux, TypeScript, Sass, Stripe, Firebase, Netlify, Jest, Enzyme

- Built an e-commerce website where users can login, add items to cart, checkout and more.
- Login basic authentication and Google Sign-In through integration with Firebase.
- Integration with Stripe API for payments.
- Redux for state management of application.
- Deployed through Netlify.
- Testing with Jest & Enzyme.

Smart-Brain - Facial Recognition Application - React, Tachyons, Clarifai API, Node, Express, PostgreSQL, Heroku

- Built a facial recognition project, where users can login, upload an image and the faces in the images will be recognised and highlighted. UI built in React.
- Built back end server in Node and Express to communicate with PostgreSQL database to authenticate users and store other user information.
- Facial Recognition is done through integration with the Clarifai API.
- Deployed through Heroku.