James Zokah

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https://jameszokah.me

EDUCATION

University of Ghana

Programme: Bachelor of Arts, Information Science, Political Science

Expected August 2023

Relevant Courses: Database Management, System Analysis and Design, Programming of Information Systems Application, Public Relations

ACHIEVEMENTS / AWARDS

- Group Project on "*Impact of NHIS on Access to Health Care for the Poor in Ghana* "
  (Research Term Paper)
  Jun 2023

WORK EXPERIENCE

Flutter Mobile Developer | Koppel

Accra, Ghana   Feb 2023 – Present

- Developed a new Garbage Management Mobile App that resulted in a 75% increase in driver customer sign-ups.
  Designed and implemented a user-friendly app that made it easy for users to schedule garbage collection and track their waste disposal.
  Leveraged data analytics to identify and address user pain points, resulting in a significant increase in app engagement. Collaborated with cross-functional teams to ensure the app met the needs of both users and the business.
- Developed a full-stack Taxi mobile app for a company abroad that unlocked the possibilities of high customer engagement and great user experience. Built the app using cutting-edge technologies, such as Flutter and Node.js.
  Designed a beautiful and intuitive user interface that was easy to use for both drivers and passengers. Implemented features that promoted customer engagement, such as in-app messaging and ride tracking. Successfully launched the app in multiple countries and achieved high customer satisfaction ratings.

Front-End Developer, Remote | Upwork   Aug 2021 – Sept 2021

- Researched and implemented best coding practices for SEO, resulting in an average of 35% higher search engine rankings than previously.

UX/UI Designer, Remote | Upwork   Feb 2022 – Mar 2022

- Collaborated with a team of Reactjs developers for a month on a major website redesign

Used Figma to design a full-stack Web application to improve new features and meet the needs of existing clients
Redesigned the website to create a more visually appealing, user-friendly experience

PROJECTS

Sign Language Detection in Real Time
- Developed a real-time sign language detection system using MediaPipe Holistic and TensorFlow.
- Extracted key points of the hand and face, and labeled them with the corresponding gestures.
- Trained a neural network to predict the gestures of each key point.
- The system achieved an accuracy of 90% on a test dataset of sign language videos.

Link: https://github.com/jameszokah/handson_ml3/blob/main/sign.ipynb

Credit Card Fraud Detection
- Developed a machine learning model to detect credit card fraud in an imbalanced dataset.
- Used logistic regression, random forest, and support vector machine algorithms
- Implemented oversampling and undersampling techniques to address the imbalance.
- Evaluated the models using precision, recall, and F1 scores.
- The best model achieved an accuracy of 95% with a precision of 80% and a recall of 90%.

Link:
https://github.com/jameszokah/handson_ml3/blob/main/Detecting_Credit_Card_Fraud.ipynb

Netflix clone (Reactjs, Redux, Firebase, React-Query)
- I developed a responsive UI and took advantage of React's reusable components to gain interactive and 96% performance code.
- Reduced 65% complexity by managing the state of each movie with Redux, which helped me to lift up the state of the app to enable other components to have access to and dispatch any state change in the development process
- Implemented authentication with Firebase to enable users to sign up and log in with their email and password or sign in with Google Oauth and also used Firestore to store users' data.

Link: https://noflix.netlify.app

YouTube Clone (Reactjs, Firebase, MUI)
- Leverage the UI with Reactjs to achieve a 25% faster update of components on the user interface.
- Achieved caching of YouTube's video data by using React Query to make background fetch YouTube videos and cache them in memory to enhance the UI's performance.
- Implemented Authentication for users with Google Oauth and displayed their user

session after authorization.
- Dark mode on websites is one essential feature for users therefore adding dark mode for authenticated users

Link: https://yuutube.netlify.app

SKILLS AND INTERESTS

Skills

Nextjs,
React.js,
Node.js,
Python,
Dart,

Flutter,
PostgreSQL,
JavaScript,
Html5,
CSS3,

Tools

Docker,

Git

Soft Skills

Problem-solving

Critical Thinking
Creativity
Collaboration

CONTACT

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