

CHIMAROKE EZRA ONYEBI

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PROFESSIONAL SUMMARY

Complex problem-solver with analytical and driven mindset. Dedicated to achieving demanding development objectives according to tight schedules while producing impeccable code.

SKILLS

- Python
- Javascript
- HTML, CSS
- Data Mining
- SQL
- Git
- Django
- Flask
- FastAPI
- Golang

WORK HISTORY

BACKEND DEVELOPER | 01/2023 to Current **Fiverr** - Remote

- Developed scalable and maintainable RESTful APIs for seamless integration with frontend applications.
- Ensured data integrity and security through proper implementation of authentication and authorization mechanisms.
- Designed and implemented efficient database models using Django ORM, adhering to best practices for optimal performance.
- Developed custom algorithms to optimize data extraction, resulting in more accurate insights.
- Automated routine tasks using Python scripts, increasing team productivity and reducing manual errors.

SOFTWARE DEVELOPER | 09/2022 to 06/2024

Swizel Technologies Limited

- Developed and maintained API for dynamic contents for blog sites using Strapi that served over 100 unique daily visitors.
- Assisted front-end and design teams to develop functioning and responsive websites.
- Collaborated with cross-functional teams to gather requirements and design efficient solutions.
- Collaborated with project managers to select ambitious, but realistic coding milestones on pre-release software project development.
- Integrated third-party APIs from external applications into web platforms.
- Integrated front-end elements into applications.

DATA MINER | 04/2023 to 04/2023

Fiverr

- Developed Social media data extractor that warehoused incremental social media data and content
- Performed user analytics on multiple social platforms for marketing and customer research
- Created and maintained enterprise analytics solutions and visualization that enabled customer life cycle management
- Supported sales team with analytics for lead management and customer acquisition.
- Created CI/CD pipelines to standardize and automate deployment of code to multiple environments

DATA ANALYST | 03/2020 to 04/2021

Bexotic

- Identified, analyzed and interpreted trends or patterns in complex data sets.
- Created various Excel documents to assist with pulling metrics data and presenting information to stakeholders for concise explanations of best placement for needed resources.
- Utilized data visualization tools to effectively communicate business insights.
- Participated in requirements meetings to understand business needs.
- Developed financial projections and forecasts to guide investment decisions.
- Participated in client meetings to discuss financial analysis and investment strategies.
- Deployed predictive analytics models to forecast future trends.

PROJECTS

Study Academy - Online Course Market Platform

Technologies: Django, Python, Javascript, CSS, HTML, PostgreSQL

- Engineered a scalable online learning platform with features for course creation, student enrollment, and instructor management, supporting thousands of users.
- Developed custom dashboards for instructors and students to monitor performance metrics, course enrollments, revenue tracking, and student progress.
- Implemented advanced rating and review system, enabling students to provide feedback on courses and instructors, complete with dynamic star ratings and personalized comments.
- Handled media content by integrating video streaming for lessons and optimizing content delivery with efficient prefetching and lazy loading techniques.
- Designed custom user profiles with editable profile pictures, course history, and personal data, enhancing user experience and engagement.

- Optimized back-end performance by streamlining database queries, ensuring minimal latency and efficient data retrieval through Django ORM.
- Ensured responsive design across all devices, improving user experience without reliance on frameworks like Bootstrap.

FoodieHub Technologies: *Python (Django), JavaScript, HTML, Bootstrap, CSS*

Developed **FoodieHub**, a multivendor food ordering platform designed to seamlessly connect vendors with customers. Key features include:

- **Payment Integration:** Secure payment gateways allowing customers to make purchases online.
- **Menu Building & Management:** Vendors can dynamically create and manage their menus with images, descriptions, and pricing.
- **Vendor & Customer Dashboards:** Separate interactive dashboards for vendors and customers to manage their profiles, track orders, and view performance metrics.
- **Google Maps Integration:** Integrated Google Maps API for precise restaurant location tracking, enabling customers to find nearby vendors.
- **Restaurant Building:** Functionality for vendors to create personalized restaurant profiles with branding options and menus.

Social Media Video Downloader - Flask-based Web Application

Tech Stack: Python, Flask, HTML, CSS, JavaScript.

Project Overview: Built a web application that simplifies video downloads from platforms like TikTok, Reddit, Instagram, and YouTube. The app takes a video URL as input and provides users with a direct link to download the content.

Core Features:

- Multi-platform support for downloading videos from TikTok, Reddit, Instagram (including images), and YouTube.
- A clean, user-friendly interface to input URLs and retrieve media.
- Organized folder structure for storing downloaded media files.
- Real-time error handling and logging for seamless operation.

Key Contributions:

- Developed the backend logic for video downloading using platform-specific libraries.
- Implemented a responsive front-end for selecting download sources and providing feedback to users.
- Ensured smooth integration between Flask templates and static content management.
- Created logging and error-handling systems to track download issues and improve reliability.

Instagram API - FastAPI-based Instagram Interaction Service

Technologies: FastAPI, Python, Instaloader, Instagrapi

- **Project Overview:** Developed a FastAPI-based web service that interacts with Instagram to perform tasks like user authentication, fetching profile information, retrieving post metrics, and obtaining media details. This API simplifies the process of automating interactions with Instagram using several endpoints, while ensuring timeout handling and authentication through custom middleware.

Core Features:

- **User Authentication:** Allows users to securely log in using their Instagram credentials.
- **Profile Data Retrieval:** Fetches detailed profile information for any public Instagram account.
- **Post Metrics:** Gathers post metrics such as likes and comments for a user, with support for date ranges.
- **Media Information:** Retrieves metadata and details of individual posts from a media URL.
- **Media Likers:** Lists all users who have liked a particular Instagram post. .

Key Contributions:

- Built RESTful API endpoints with FastAPI for Instagram functionalities, ensuring secure authentication and optimized data retrieval.
- Implemented middleware for handling request timeouts and managing authentication processes.
- Utilized external libraries like Instagrapi and Instaloader to interact with Instagram's private API efficiently.
- Developed clear API documentation for seamless integration with other tools (Postman, curl).

Challenges Overcome:

- Managed API rate limits and optimized the handling of large datasets from Instagram.
- Ensured robust error handling and user-friendly response formatting.

EDUCATION

FEDERAL UNIVERSITY OF TECHNOLOGY AKURE - Akure | Bachelor of Technology
Statistics

Christ The King College - Abuja, FCT, Nigeria | Senior Secondary School
Certificate Examination

Handmaids International Catholic School - Lagos, Nigeria

REFERENCE

To be Provided on request