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○ <u>Github</u>

Education

AkiraChix

codeHive - Diploma in Information Technology

February 2024 – November 2024

Courses

Backend Development
- Creating Rest APIs using Django
- Object-Oriented Programming concepts in Python
- Relational databases, e.g My SQL & Postgresql

Frontend Web Development
- Asynchronous Functions
- Consuming RESTful APIs
- DOM Manipulation in Javascript

Mobile Development
- Manipulating layouts in code
- Object Oriented Programming concepts & Control Flow
- Working with Collections

Data & Software Architecture
- Architecture Models
- SQL essentials and Joins
- Databases & SQL

Product Management
- Product Development Process
- Prioritization in product development
- Product ceremonies
- Prototypes and MVP

UI/UX Design
- Elements and principles of design
- Designing and prototyping wireframes using figma
- Graphic design using Adobe Illustrator & Adobe Photoshop

UX Research
- Research methods
- Design Thinking Process
- User Experience(UXR)
- Usability testing

MERCY CHEMTAI

Software Developer

Profile

As the global population continues to surge, which is projected to reach nearly 10 billion by 2050, the challenge of ensuring food security becomes increasingly urgent. Mercy believes sustainable agriculture, enhanced by modern technology, is crucial to meeting this challenge. As a software engineer, she aims to harness data analytics, artificial intelligence and smart farming techniques to empower farmers with the knowledge they need to make informed decisions and adopt sustainable practices, creating more resilient and equitable food systems.

Skills

- Ability to use Django Rest Framework to design and build RESTful APIs.
- Skilled in building server-side applications and APIs with Node.js
- Ability to use Android to develop efficient and responsive mobile applications.
- Ability to display scrollable lists using RecyclerView and adapters in Android.
- Capable of developing web applications using React.js and HTML/CSS
- Skilled in DOM manipulation and asynchronous programming.
- Knowledgeable in Scrum and Agile techniques for iterative product development.
- Ability to approach and break down scenarios using algorithms and flowcharts.
- Capable of effectively manipulating and managing data within a database using SQL
- Knowledge in the Design Thinking process to dynamically develop and launch ideas.
- Capable of designing user-friendly and appealing UI interfaces using Figma.
- Ability to analyze time and space complexity of data structures and algorithms.

Projects

Mentorship Program

The project aims to improve mentorship journey by enhancing effective communication and allowing mentors to monitor their mentees closely.

https://github.com/Mercy-Chemtai/MENTORING_SYSTEM.git

Crypto Tracker

The project retrieves and lists the latest prices of popular cryptocurrencies. Users can manually update prices and view 24-hour price changes.

https://github.com/Mercy-Chemtai/crypto.git

MitushConnect App

The project aims to connect traders and recyclers of secondhand clothes, enabling traders to distribute unsold stock. This reduces landfill waste and mitigates environmental pollution.

https://docs.google.com/document/d/1aWDMULILsEIj7AtePjFhfJDDIgpbkguct27sbLEo3uY/edit?usp=sharing

References

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