Emeka-Iheonu Chimaobi

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## **graduation-cap EDUCATION**

## **Aptech Computer Education**— Advanced Diploma*. Software Engineering August* 2024

* **Relevant Coursework:** Data Structures and Analysis of Algorithms, IOT, Object-Oriented Programming with C++, Java and C#, Programming with C, People, Process and Technology(PPT), Software Development Life Cycle, Web development with HTML,CSS,JavaScript, ReactJS, TailwindCSS,NodeJS, Mobile App development with Flutter, Azure Fundamentals, Database Management with SQL and MongoDB, Fundamentals of Red Hat Linux, Web development with Flask, Web Development with ASP.NET, Programming with Python.

## **briefcase EXPERIENCE**

## **Serlzo** | Backend Developer December 2024 - Present

* Working on backend services using NestJS to build robust and scalable APIs.
* Integrating AI features into applications to enhance user experience and efficiency.
* Designing and implementing secure, maintainable, and high-performance systems.
* Collaborating with cross-functional teams to build data-driven applications.  
  Technologies: NestJS, AI Integration

**EIP School |** Coding and Mathematics TutorApril 2024 - December 2024

* Designed and delivered comprehensive lessons in Scratch and JavaScript
* Tailored lessons to meet individual needs and skill levels, ensuring effective learning
* Provided hands-on guidance and support to help students grasp fundamental coding concepts
* Assisted students in honing their coding abilities, with focus on practical and interactive learning experiences.
* Fostered a supportive learning environment to encourage curiosity and growth in programming skills.

**Aptech Computer Education| Project Lead** — *Fullstack Developer* October 2023 - November 2023

* Led development of a kids' mobile app UI using Flutter and Dart.
* Managed project tasks and coordinated team efforts
* Ensured timely delivery of milestones.
* Demonstrated leadership skills in guiding team members and resolving challenges effectively
* Technologies: Flutter, C++

## **SKILLS**

* **Languages**: JavaScript, TypeScript, Python, C# , Solidity
* **Developer Tools**: Visual Studio| VSCode| Git | GitHub | Vercel | Netlify | IntelliJ
* **Frameworks**: NodeJS| ReactJS| NextJS| Flask | Flutter, Hardhat, Foundry, Ethers

## **PROJECTS**

## **Vintage Car Marketplace Dapp| [Link to project Github Repository](https://github.com/ceasermikes002/Vintage-Car-Marketplace)**

* **Project Overview:** A decentralized marketplace where users can buy, sell, and auction vintage cars using NFTs. The platform integrates features like service history tracking and mechanic services for repairs, ensuring transparent ownership and transactions.  
  **Key Features:**
* NFT Marketplace for minting, listing, and selling vintage cars.
* Timed Auctions with buyout options.
* Mechanic service bookings with blockchain-linked service history.  
  **Technology Stack:** Lisk, Solidity, Smart Contracts, React/Next.js, Web3.js, MetaMask, IPFS

**AI Online Article Summarizer|** [Link to Project Demo](https://frolicking-trifle-287df1.netlify.app/) | [Link to Project GitHub Repository](https://github.com/ceasermikes002/ai-text-summarizer)

* Developed a web-based article summarization tool using React with Vite.js
* Utilized Tailwind CSS for responsive and visually appealing UI design.
* Integrated OpenAI's API for advanced natural language processing capabilities
* Technologies: React (Vite.js), Tailwind CSS, OpenAI API.

## **INTEREST**

[Technical Writing](https://dev.to/ceasermikes002)