Idowu Daniel

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EDUCATION

Bowen University — Iwo, Osun
Bachelor of Science in Computer Science

EXPERIENCE

Backend Developer Intern — June 2024 – Dec. 2024
Zap Africa — *Lekki, Lagos*
- Implemented an authentication service feature to improve user sessions and make user experience better by 30%
- Conducted unit and integration testing with Jest and Supertest, achieving a test coverage of approximately 70% which improved code reliability and maintainability
- Documented API endpoints and application architecture, creating commprehensive guides for future reference and aiding onboarding for new developers
- Implemented an wallet address book feature to help users quickly access a frequently used wallet address improving user experience by 15%

Backend Developer Intern — June 2023 – Aug. 2023
Xpertech Solutions Limited — *Egbeda, Lagos*
- Developed a REST API using PHP and MySQL to store, retrieve and manage data
- Identified and fixed issues related to database queries, form validation and error handling
- Conducted functional testing to validate the features and bug fixes
- Ensured API documentation is up to date and easy for other developers to understand

Intern — Aug. 2022 – Jan. 2023
Spectranet Limited — *Ikeja, Lagos*
- Collaborated with network engineers in fixing 20+ network problems and this caused a reduction of network downtime
- Analyzed detailed network data and resolved over 12 security threats which had the potential to compromise the security

PROJECTS

GitDocs ⬡ | ⤴ | *Javascript, Gemini, Github API* — December. 2024
- Designed and implemented GitDocs, a web application that generates comprehensive documentation from GitHub repository links, streamlining the documentation process for developers.
- Integrated GitHub's API to fetch and process repository content dynamically, ensuring real-time documentation updates.

InkQuill ⬡ | ⤴ | *Typescript, Cohere, OCR.space, Cloudinary* — April. 2024 – May. 2024
- Utilized advanced AI to summarize and paraphrase user-uploaded PDFs, enhancing note management and comprehension.
- Implemented OCR.space for extracting text from images, enabling accurate and efficient text retrieval.
- Integrated a text-to-speech feature, providing users with an accessible way to listen to summarized content
- Designed and connected a backend using Express.js, streamlining the API functions and improving the application's performance

InventoryFlow ⬡ | ⤴ | *Express.js, MongoDB* — Jan. 2024 – Feb. 2024
- Designed and implemented a robust inventory management system, ensuring seamless tracking and control of inventory levels
- Implemented RESTful APIs with Express.js, facilitating efficient communication between the front-end and back-end systems, resulting in faster data retrieval and manipulation
- Implemented authentication and authorization mechanisms, ensuring secure access to inventory data and maintaining data integrity

AI Doc ⬡ | ⤴ | *Express.js, Python, HuggingFace, MongoDB* — Oct. 2023 – Nov. 2023
- Collaborated with a team of designers, developers and machine learning engineers to develop a user-friendly AI-powered symptom and guidance web application
- Utilized agile development methodologies to streamline the website's performance

Technical Skills

Languages: JavaScript, Typescript, Python, PHP
Frameworks: ExpressJS, Django, NestJS
Developer Tools: Version Control Systems, Google Cloud Platform, Postman, Jest, Github Actions
Databases: MongoDB, MySQL, PostgreSQL

Achievements

First Class Honours: B.Sc Computer Science
New Horizons Excellence Award in the International I.T. and E-Business Professional Certification