Amysoj J A Exson Joseph

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CAREER OBJECTIVE

Experienced software developer with around 2 years of experience in full-stack development and AI engineering. Skilled in building web applications, working with AI tools, and managing databases. Proficient in Python, JavaScript, and modern web technologies. Strong problem-solving skills and a quick learner.

CORE SKILLS

- **Languages:** Python, JavaScript, TypeScript
- **Web Development:** HTML, CSS, Node.js, React.js, Next.js, Zustand, Django, FastAPI
- **AI/ML:** Hugging Face, Pandas, NumPy, Matplotlib, Scikit-learn, ChromaDB, Gemini, Langchain
- **Databases:** MySQL, PostgreSQL, Firebase, MongoDB
- **Other:** Git, Docker, AWS, Excel, Figma, Vercel, Render

SOFT SKILLS

Communication, leadership, decision making, analytical thinking, critical thinking, proactiveness, conflict management, problem solving.

PROFESSIONAL EXPERIENCE

Company: Workcohol
DEC 2024 - Till Date

Role: Gen AI Engineer
Key Responsibilities:

- Developed and deployed AI-powered applications using FastAPI, Langchain, Gemini, and Hugging Face.
- Collaborated with cross-functional teams to integrate AI solutions into existing systems, improving efficiency and accuracy.
- Worked on AI-driven chatbots and automation tools.
- Documented AI processes and maintained code repositories using Git for version control.

Company: Workcohol
JUL 2023 - DEC 2024

Role: Full Stack Engineer
Key Responsibilities:

- Managed multiple full-stack projects utilizing React.js, Redux, Tailwind CSS, MongoDB, MySQL, Node.js, and Django.
- Collaborated with designers, frontend developers, and QA engineers to ensure project success.
- Fostered a collaborative environment, encouraging knowledge sharing and continuous improvement.
- Supported testing teams by drafting test scripts.

Company: GoX.ai
AUG 2022 - OCT 2022

Role: Product Intern
Key Responsibilities:

- Implemented OAuth authentication using Node.js to access Pinterest Ads API, enabling secure and authorized retrieval of analytical data.
- Developed scripts and modules to make API calls, fetch analytical data, and process responses for further analysis and reporting.
- Participated in code reviews and provided feedback to ensure code quality, adherence to coding standards, and optimization of performance.

ACADEMIC QUALIFICATIONS:
- Bachelor of Engineering in Computer Science and Engineering.   **2023**

PROJECTS:
AI-Powered Product Recommendation Agent ([View](#))
- Designed and developed an **AI agent** using **LangChain** and **Gemini API** to process user queries and deliver intelligent, **context-aware responses**.
- Integrated product context into the AI model to provide tailored **product recommendations** based on user input.
- Built the backend with **FastAPI** to handle API requests, manage data processing, and interact with the AI model.
- Created a **modern and responsive frontend** using Next.js and TailwindCSS for an intuitive user interface.

AI Job Description Generator
- Developed an AI-powered job description generator using **Gemini API** for natural language processing.
- Built the backend in **Node.js** to handle API requests and integrate with the Gemini API for generating job descriptions dynamically.
- Created a responsive frontend using **Next.js** to allow users to input job requirements and view AI-generated descriptions.

Teaching Notes Generator
- Built a web application using **Next.js,** integrating Gemini API for **AI-driven teaching notes generation**.
- Designed the application to take any paragraph as input and generate comprehensive teaching notes using the Gemini AI API.
- Implemented user-friendly interface and backend logic for seamless interaction between the user input and the AI service.

IKEA Ship Anywhere – Shipping Service Landing Page
- Developed a responsive landing page using Next.js to facilitate IKEA's shipping services, enabling users to request shipping for IKEA products or other items.
- Implemented **Firebase Firestore** for efficient and scalable **data storage**, enabling real-time updates and secure management of user requests.
- Integrated form handling and validation to streamline the process of submitting shipping requests.