

David Fashola

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Education

University of Windsor

Bachelor of Science in Computer Science (GPA: 3.8 / 4.00)

City, State

Experience

Vosyn

January 2022 – September 2023

Api integration engineer intern

Brampton, Ontario

- Led API Development for Enhanced Video Synchronization: Spearheaded the design and integration of APIs to align mouth movements and emotional expressions with translated audio, delivering a cohesive and immersive viewing experience across multiple languages.
- Architected Scalable Microservices Infrastructure: Engineered a robust microservices architecture to efficiently manage and process high-volume data traffic, significantly enhancing system performance and reducing latency.
- Implemented Advanced Security Protocols: Developed and enforced stringent security measures, including data encryption, rate limiting, and thorough input validation, to protect sensitive information and adhere to compliance standards.
- Executed Strategic Third-Party API Integrations: Directed the seamless integration of external APIs to facilitate multilingual translations, coordinating closely with external partners to resolve complex issues and ensure smooth deployment.

Business Tech Ninjas

April 2024 – September 2024

Technician Solutions Specialist

Brampton, Ontario

- Optimized Workflow Automation with Flowise: Designed and implemented advanced automation workflows using Flowise, significantly reducing manual processes and enhancing operational efficiency across multiple client projects.
- Integrated AI-Driven Chat Solutions via ChatGPT API: Spearheaded the integration of ChatGPT API into various client-facing platforms, enabling dynamic and responsive customer interaction that improved client satisfaction and engagement metrics.
- Deployed and Managed Web Services with Render: Led the deployment of scalable web services using Render, ensuring high availability and performance optimization, which resulted in a 20 percent improvement in response times for client applications.
- Enhanced Search and Recommendation Systems with Pinecone: Utilized Pinecone's vector database technology to develop and refine search and recommendation systems, leading to more accurate and personalized results for end-users.

Projects

Applicant Tracking System (ATS) | Python, Streamlit, Google Generative AI

- Led the development of a comprehensive Applicant Tracking System (ATS) using Python and the Streamlit framework.
- Integrated advanced text processing techniques to parse resumes and job descriptions, facilitating efficient candidate evaluation.
- Leveraged Google Generative AI for content generation to provide personalized feedback on resumes, enhancing candidate profiles.
- Collaborated closely with stakeholders to gather requirements and iterate on design, resulting in a user-friendly interface that meets the needs of recruiters and hiring managers.

E-commerce Platform | Angular, Spring Boot, MySQL

- Developed a full-fledged e-commerce platform with CRUD functionality using Angular for the front end.
- Implemented a secure user authentication system and integrated MySQL databases to ensure seamless transactions.
- Optimized server performance by implementing microservices architecture using Spring Boot, resulting in a 25% improvement in API response time and a 30% reduction in server load.

Technical Skills

Languages: TypeScript, Java, Go, JavaScript, Python, C++,

Technologies: React.js, Angular, Spring Boot, TensorFlow, PyTorch, jQuery, Bootstrap, Node.js, Android SDK, iOS SDK, HTML, CSS, Next.js, Django, MongoDB, Git, AWS, Azure, Google Cloud, Sql

Concepts: Customer Service, Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, API, DevOps Practices, Interface design, Flowise, Cloud Computing, Web Development, Back-end Development, Database Management, Version Control, API Development, Testing and Debugging, Security, Soft Skills, Bubble.io, Render, Pinecone, Figma, Database Normalization, Agile Methodology