

ARCHILLES JACOB

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Experience:

AI Python Developer

- Utilized Flask framework to construct web-based applications that facilitate news viewing based on user-defined keywords in multiple languages.
- Employed Git version control system for tracking changes in source code repositories over time.
- Integrated third-party APIs and services into Python applications to enhance functionality.
- Developed AI chatbots leveraging Open AI, Huggingface, and Google Gemini API.

Java Web Developer (Freelance)

- Developed and maintained web applications using Java and Spring Boot framework.
 - Implemented RESTful APIs for seamless communication between front-end and back-end services.
 - Designed and optimized SQL databases for efficient data retrieval and storage.
 - Collaborated with front-end developers to integrate Java applications with HTML, CSS, and JavaScript.
 - Utilized version control systems such as Git for source code management and collaboration.
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Education:

University of The People

Bachelor of Science in Computer Science

04/2021

Websites, Portfolios, Profiles:

- [LinkedIn](#)

- [GitHub](#)
 - [NewsAI App](#)
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Projects:

Java Web Application

- Developed a Java-based web application that provides users with real-time news updates.
- Implemented the application using Spring Boot, Hibernate, and Thymeleaf for efficient server-side rendering.
- Deployed the application on AWS, ensuring high availability and scalability.
Technologies used: Java, Spring Boot, Hibernate, Thymeleaf, AWS

Python Chatbot

- Developed a chatbot that engages in ongoing conversations using Open AI and HuggingFace APIs.
- Created an assistant that dynamically handles message threads and retrieves data through API endpoints.
- Deployed the chatbot as a web app on Streamlit, mirroring functionalities akin to ChatGPT.
Technologies used: Python, Streamlit, Open AI API, HuggingFace API
[Project Link](#)

News App Summarizer

- Created an app that searches the web for news content, summarizes it, and generates articles dynamically.
- Initially used AI models for summarization, later optimized to perform tasks efficiently without heavy AI, resulting in faster performance and reduced API dependency.
Technologies used: Python, JavaScript, HTML
[Project Link](#)

Local Website with AI Integration

- Built a local website leveraging AI tool Locofy to integrate designs and code.
- Utilized Figma designs to generate code using React, enhancing the development process with automated code generation and intense moderation.
Technologies used: React, Figma

Full-Featured Fitness Web App

- Developed a full-featured fitness web app with authentication and custom database integration.
- Implemented using Anvil framework and JavaScript for the frontend and Python for backend operations, enabling efficient data retrieval and user management.

Technologies used: Anvil, JavaScript, Python, Custom Database

Skills:

- **Programming Languages:** Java, Python, JavaScript
- **Frameworks & Libraries:** Spring Boot, Hibernate, Flask, React, Streamlit
- **Web Technologies:** HTML, CSS, JavaScript, RESTful APIs
- **Databases:** SQL, Custom Databases
- **Tools:** Git, Anvil, Locofy, Figma
- **Cloud Services:** AWS
- **APIs:** Open AI, HuggingFace, Google Gemini