JAYAKRISHNAN B

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Profile Summary

- Proven ability to develop responsive websites and web-based debugging tools to improve user experience and code quality.
- Proficient in Python, Java, and SQL, with hands-on knowledge of database design and data manipulation.
- Skilled in using Git for version control and familiar with cloud databases like MongoDB for scalable solutions.
- Strong team player with leadership skills demonstrated through internships and agile project management.

Relevant Coursework

• Data Integrity	• Data Governance	• Generative AI	• Requirement Gathering
• Data Visualization	• Data Manipulation	• Database Design	• Web Development

Experience

Flaunch(1M1B) - Emerging Tech Internship on Gen AI   **Sep 2024 – Jan 2025**

- Gained hands-on experience with transformer architectures and generative models (LLMs), exploring prompt engineering, fine-tuning, and application building using real-world datasets.
- Designed and developed AI-driven solutions leveraging generative models for content creation, task automation, and simulated user interaction.
- Collaborated in a capstone project addressing **societal use cases** of Generative AI, emphasizing ethical AI usage, bias mitigation, and responsible deployment practices.

Corizo EduTech – Web Development Intern   **Mar 2024 – April 2024**

- Built and deployed CRUD-based web applications using HTML, CSS, JavaScript, and backend technologies.
- Worked with dynamic data handling through forms, user login/authentication, and content management features.
- Completed project-based learning on frontend-backend integration, applying real-world use cases and enhancing full-stack development skills.

Projects

Code Explanation and Debugging Assistant | *HTML, Python(Flask), Tesseract, SpeechRecognition, Groq* | **Dec 2024**

- A code explanation and debugging assistant helps developers understand how their code works by breaking down logic and identifying errors. It provides clear guidance to fix bugs and improve code quality efficiently.

Wrinkle Detection Streamlit with YOLOv8| *Python, Ultralytics, Streamlit, Open-CV* | **Sep 2024**

- This project implements a Wrinkle Detection application using YOLOv8 for segmentations. The application is built with Streamlit and allows users to upload images for wrinkle detection of human faces. There are 3 classes (forehead, frown and wrinkle) that the YOLOv8s (small) segmentation model was finetuned.

Studio Infinity | *Next.js, TypeScript, Tailwind CSS*| [Project Demo](#)   **Feb 2025**

- Studio Infinity is a modern, minimalist digital studio website built with Next.js, TypeScript, and TailwindCSS, featuring responsive design, smooth animations, and a dynamic portfolio. It offers easy customization and deployment, optimized for a sleek user experience across devices.

Technical Skills

Languages: Python, SQL, Java , JavaScript

Technologies/Frameworks: GitHub, WordPress, MongoDB

Education

Sri Manakula Vinayagar Engineering College   **Nov 2022 – July 2025**

Bachelor of Technology – CGPA: 7.74   *Madagadipet, Puducherry*

Extracurricular / Certifications

- Frontend for Java Full Stack Development–[View Credentials](#)
- Generative AI: Introduction and Applications–[View Credentials](#)
- Python & Java: Master Backend & Frontend Web Developments–[View Credentials](#)