BALAJI M

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CAREEROBJECTIVE

Information Technology student in my pre-final year, spending most of my time exploring Python ,Java and handling APIs to build modern, high-performance backend systems. I'm ready to move beyond the basics and start creating more complex, scalable applications. My goal is to find a role where I can solve real technical problems and write efficient code that makes a meaningful impact.

EDUCATION

BachelorofTechnology – InformationTechnology, PanimalarEngineeringcollege,2027,CGPA: 8.43/10

ClassXII-StateBoard,Kamaraj Matric Higher Secondary School,2023, Percentage:76.66%

Class X- State Board, Kamaraj Matric Higher Secondary School, 2021, Percentage: PASS

TECHNICALSKILLS

-ProgrammingLanguages:Python,Java,SQL.

- WebTechnologies: React, Firebase, Tailwind Css.

- Databases: MySQL,FireBase.

-Gen AI: LLM API integration (basic), prompt handling

- Tools&Platforms:GitHub,Streamlit ,JupyterNotebook, FirebaseHosting, VSCode,

- Operating Systems: Windows

PROJECTS

Tasken Web application

Developed a To-Do List application made using the JavaScript DOM and BOM concepts.The styling was made easy using bootstrap framework, the responsive modals and buttons of bootstrap played a major role.

Musify Website(deployed)

A full stack music application developed using the React js library and styled using the latest technology Tailwind Css framework. The Backend operations like authentication are smartly implemented using the Google firebase with a very minimal lines of code. The user and song data is also maintained in the Google firebase.

AI Codebase Explainer

A Python-based intelligent code assistant developed using modern AI frameworks to analyze and understand large codebases The application leverages semantic search and vector embeddings to index project files and provide meaningful explanations through an interactive interface built with Streamlit. Backend AI processing is implemented using LangChain and vector databases, enabling efficient retrieval and contextual understanding of

code with minimal manual effort. The system helps developers explore, debug, and learn unfamiliar projects quickly.

JAVA BANKING SYSTEM

Designed and developed a Java-based Banking System with a user-friendly Swing GUI, emphasizing strong Object-Oriented Programming and clean architecture.

INTERNSHIPS

Test Yantra(QSpider) – Intern Duration:30 days

Gained hands on experience in HTML, CSS, JavaScript, React, TailwindCss with back end integration via GoogleFirebase, assisted in developing the musify project.

CERTIFICATIONS

-Ethical Hacking – NPTEL Elite course

-Acquiring Data - Nasscom

-Full Stack Development – Devtown

SOFTSKILLS

Communication Skills: Excellent writing abilities, a growing vocabulary, and fluency in English. Excellent in interacting with new people and delivering the message politely in any circumstance.

Leadership Skills: Accomplishing team objectives by guiding team members in a polite manner and obtaining the results on time.

A Good Time Manager.