

# HARIPRASATH V

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## Executive Summary

Innovative **Full-Stack and Machine Learning Developer** pursuing a **B.Tech in Artificial Intelligence and Data Science**. Skilled in **React.js, Node.js, Python, and SQL**, with hands-on experience in **Machine Learning model development**. Proven ability to build scalable digital products like job portals, eCommerce platforms, and predictive analytics tools. Passionate about merging web technologies with data-driven intelligence to deliver impactful user solutions.

## Skills

- **Programming:** Java, C++, Python
- **Web Technologies :** HTML, CSS, JavaScript, React.js, Node.js, Express.js
- **Machine Learning:** Scikit-learn, Pandas, NumPy, Matplotlib, Regression & Classification Models.
- **Database:** SQL
- **Tools & Platforms:** GitHub, VS Code, HuggingFace, Cursor and Insomnia.
- **Languages:** English, Tamil

## Education

- **Bachelor of Technology (Artificial Intelligence and Data Science)**  
Hindusthan Institute of Technology, Coimbatore, *CGPA: 8.3* *2022–Present*
- **12th Grade** – Sri Venkateswara Matriculation Higher Secondary School, *87%* *2021–2022*
- **10th Grade** – Government Boys Higher Secondary School, *94%* *2019–2020*

## Internship Experience

**Front-End Developer — Cognifyz Technologies** June 2024 – July 2024

- Built **responsive, interactive web interfaces** using HTML, CSS, JavaScript, and React.js.
- Improved **UI consistency and performance** across multiple live projects.
- Integrated **RESTful APIs** for real-time data fetching and seamless user experiences.
- Enhanced **cross-browser compatibility** and optimized components for faster load times.

## Projects

**Fit\_AI – AI-Powered Fitness & Nutrition Assistant** [project-link](#)

- Built a full-stack AI fitness app that classifies body type using a fine-tuned **ResNet model** and generates personalized workout and diet plans via **Gemini API**.
- Implemented secure **JWT authentication**, integrated an **AI chatbot**, and added a diet tracking system with real-time macro calculations.
- Built the backend with **FastAPI**, enabling fast inference, API handling, and seamless communication between ML model, chatbot, and database.
- **Tech Stack:** React, TailwindCSS, FastAPI, MongoDB, PyTorch, Gemini API

**Jobby App — Job Portal (React.js)** [project-link](#)

- Developed a **JWT-authenticated job search platform** with secure login and session handling.
- Implemented job filters (role, salary, employment type) and dynamic routing using **React Router**.
- Integrated REST APIs for job listings and improved navigation flow for better user experience.

**Nxt Trendz — eCommerce Web App (React.js)** [project-link](#)

- Built a **Flipkart/Amazon-style shopping interface** with search, filtering, and cart management.
- Designed product pages with quantity control, session handling using cookies, and API-based data fetch.
- Focused on **responsive, reusable components** and clean UI structure.

## Certifications

- Deloitte Australia – Cyber Security Job Simulation
- DATACOM – Software Development Virtual Internship
- NxtWave – MCP Project Completion Certificate