**VIGNESH JAYASEKARAN**

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## PROFESSIONAL SUMMARY

Motivated and detail-oriented pre-final year Computer Science student with hands-on experience in full-stack web development, backend systems, and AI integration. Proven ability to deliver real-world projects using React, Express, and MongoDB. Strong collaborator with a passion for problem-solving, scalable design, and rapid learning.

## EDUCATION

* B.E. Computer Science and Engineering, Coimbatore Institute of Engineering and Technology (2022 – Present) - CGPA: 7.53/10
* HSC – SRKBV Metric Higher Secondary School (2021 – 2022) - 78.5%
* SSLC – SMR National School (2019 – 2020) - 75.2%

## TECHNICAL SKILLS

* Languages: Python, Java, C, JavaScript, HTML, CSS
* Frameworks/Libraries: React.js, Node.js, Express.js, Flask, PyTorch, Pandas, NumPy
* Tools & DB: MongoDB, MySQL, Postman, Git, SpeechRecognition, pyttsx3,WordPress,Figma

## SOFT SKILLS

* Problem-Solving
* Communication
* Time Management
* Teamwork
* Adaptability
* Editing

## CERTIFICATIONS

* Frontend Development Intern, CodeAlpha
* Web Development Intern, Prodigy Infotech
* AI Fundamentals, Infosys Springboard

## PROJECT EXPERIENCE

**College Query Chatbot (Flask, MongoDB | Team Project)**

* Developed a chatbot to handle student queries on attendance and marks with a secure UI and parent access through roll number.
* Achieved a 60% reduction in manual query handling for faculty.

**Expense Tracker Web App (React.js, Express.js, MongoDB, Firebase | Team Project)**

* Built a full-stack app for tracking expenses and income with personalized investment suggestions and budget alerts.
* Integrated Firebase OTP login and MongoDB backend to ensure secure user data handling.
* Managed a 20% improvement in user budgeting habits, based on user feedback.

**Alexa-Style Voice Assistant (Python | Solo Project)**

* Created a desktop assistant capable of voice-based commands for time, weather, and internet search.
* Integrated speech recognition and text-to-speech for a seamless user experience.

## INTERNSHIP EXPERIENCE

**Frontend Web Developer Intern – CodeAlpha (Remote) (Apr 2024 – May 2024)**

* Created responsive web apps including a Music Player and Image Gallery.
* Improved UI/UX with JavaScript-based dynamic features and REST API integrations.

**Web Developer Intern – Prodigy Infotech (Remote) (Sep 2024 – Oct 2024)**

* Built interactive web tools like Tic-Tac-Toe and Stopwatch using core frontend technologies.
* Enhanced frontend performance and functionality by optimizing API workflows.

## LANGUAGES

* English
* Tamil