

SABARINATHAN M

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PROFILE SUMMARY

Web Developer skilled in designing scalable, user-friendly applications. Proficient in React, Next.js, Tailwind CSS, and Python. Experienced in building production-grade systems, AI-driven tools, and e-commerce platforms. Strong collaborator with a focus on performance, accessibility, and automation. Looking to leverage my skills in a forward-thinking tech environment.

TECHNICAL SKILLS

Programming Languages	: Python, JavaScript
Web Technologies	: HTML, CSS, React.js, Next.js, Tailwind CSS
Tools & Technology	: Git, GitHub, VS code, PyCharm
Soft Skills	: Problem-solving, Team Collaboration, Agile Development

EXPERIENCE

<u>Brandwaves, Chennai</u>	Jul 2024 - Aug 2024
Web Developer Intern	
<ul style="list-style-type: none">Developed a fully functional Employee Management System using Next.js for the front-end, Spring Boot for the back-end, and MySQL for the database.Optimized front-end performance, reducing load time by 20%, and implemented secure back-end solutions.Improved management processes by 60%, reduced manual work by 70%, and enhanced data accuracy by 50%.	

PROJECTS

<u>Video Summarization System</u>	Feb 2025 - May 2025
<ul style="list-style-type: none">Engineered an AI-powered application for summarizing video content using Natural Language Processing, scene segmentation, and speech-to-text modules.Improved review efficiency by 40%, enabling fast content browsing and accessibility for diverse users.Utilized Python, OpenAI APIs, and audio processing libraries to extract and summarize key video insights.	
<u>GPT-Based Smart Assistant</u>	Oct 2024 - Oct 2024
<ul style="list-style-type: none">Built an interactive, voice-controlled chatbot using OpenAI's GPT-3.5 API and speech recognition/response systems.Automated FAQs and basic commands, reducing manual workload by 50% in a simulated helpdesk.Designed a modular backend in Python and implemented UI with HTML/CSS/JS.	
<u>Amazon Clone – E-Commerce Web App</u>	Nov 2024 - Nov 2024
<ul style="list-style-type: none">Developed an Amazon-like e-commerce site with features including product listings, cart functionality, secure checkout, and order tracking.Used HTML, CSS, and JavaScript for frontend, focusing on responsiveness and UX.Implemented secure backend solutions to ensure data integrity and user privacy.	

ACHIEVEMENTS

- Runner-up in a national-level Paper Presentation competition during diploma studies.
- Winner of a national-level Quiz Competition during diploma studies.

EDUCATION

<u>University College of Engineering (BIT Campus) - Trichy</u>	2022 - 2025
Bachelor of Engineering in Computer Science and Engineering	CGPA: 7.52