

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

Brandwaves, Chennai

Jul 2024 - Aug 2024

Web Developer Intern

- 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

Video Summarization System

Feb 2025 - May 2025

- 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.

GPT-Based Smart Assistant

Oct 2024 - Oct 2024

- 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.

Amazon Clone – E-Commerce Web App

Nov 2024 - Nov 2024

- 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

University College of Engineering (BIT Campus) - Trichy

2022 - 2025

Bachelor of Engineering in Computer Science and Engineering

CGPA: 7.52