

DHANASHREE LABHE

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Skills

Programming Languages: Java, C, C++, Python, JavaScript

Web & App Development: Node.js, React, JavaFX, HTML/CSS

Databases: PostgreSQL, MySQL, MongoDB, Firebase Realtime Database

Generative AI: Prompt engineering, Integrating LLM (Gemini API, Gemini Pro), AI-driven application workflows

Tools & Platforms: Git, GitHub, GitLab, Linux, Socket.IO

Other Skills: Defensive programming, debugging, AI integration, REST APIs

Projects

NutriNXT – AI-Powered Diet & Nutrition App (*JavaFX, Firebase, Gemini API*) July'25

- Designed a multi-user platform for personalized meal plans, allergy-based filtering, and ingredient-based recipe suggestions.
- Integrated Gemini API for AI-driven recommendations, multilingual chatbot, and natural language diet queries.
- Implemented real-time delivery tracking via Map API and role-based authentication.

Multiplayer Real-Time Quiz Application (*React, Node.js, Socket.IO, MongoDB*) Feb'25

- Built interactive multiplayer game rooms with dynamic leaderboard and real-time question rendering.
- Developed backend with Express for session management, score tracking, and event-driven gameplay.
- Designed responsive UI with timers and dynamic game feedback for an engaging user experience.

Line-Following Autonomous Robot (*Arduino, C++*) Sep'24

- Developed robot navigation using infrared sensors with optimized PID control for smooth path tracking.
- Programmed precise motor control logic for speed regulation and accurate course following.

Positions of Responsibility

GDG(Google Developers Group), SKNCOE | Women Tech – Lead Aug'25 – Present

- Spearheaded the planning and execution of multiple high-profile departmental events, including Teacher's Day, ensuring seamless operations and successful outcomes.
- Managed end-to-end event logistics, including multi-channel promotion, detailed schedule management, and oversight of on-site operations for seamless execution.

ACE (Association of Computer Engineers), SKNCOE | Member – Campaign Team Sep'24 – Present

- Contributed to planning and execution of *Teacher's Day* and various departmental events.
- Assisted in event promotion, coordination, and on-ground management activities.

Education

Smt. Kashibai Navale College of Engineering (SKNCOE) , India 2023 - 2027

Branch :Computer Engineering | CGPA: **9.5**

Dr. Ambedkar College (Nagpur), India 2021 - 2023

MSBSHSE(Class XII)

Swarnaleela International School , India 2011 - 2021

CBSE (Class X)