Vedant Dagadkhair

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Education

Thakur College of Engineering and Technology   **Nov 2022 – May 2026**
BE in Computer Engineering, Current CGPA:9.45   *Mumbai, Maharashtra*

Sharadashram Vidyamandir Junior College of Science   **June 2020 – March 2022**
HSC − 85.5%, Secured First Rank in the Junior college   *Mumbai, Maharashtra*

S.S.M Shivaji Vidyalaya   **June 2010 – March 2020**
SSC − 94.8%, Secured First Rank in the School   *Mumbai, Maharashtra*

Experience

PROBLEM SETTER   **Sep 2023 – Present**
Shastra Coding Club

- Designed and curated challenging coding problems and puzzles for members of the coding club to solve, promoting critical thinking and problem-solving skills.
- Contributed to the intellectual growth and skill development of club members by creating engaging challenges that tested various programming concepts and encouraged collaboration within the group.

Projects

Indian Food Restaurant | *Ejs, Node.js, Express.js, MySQL, flask*
- Developed a web application for an Indian food restaurant, incorporating menu browsing, order placement, and cart management functionalities to enhance user experience.
- Integrated an AI chatbot for customer support, improving user engagement and interaction. Implemented secure authentication, authorization, and payment gateways for secure transactions.
- Created an admin panel for menu and order management, providing administrators with the ability to efficiently manage menu offerings and view order details.

Online College Magazine | *HTML, CSS, Bootstrap, Spring Boot, flask*
- Developed a responsive Online College Magazine with an attractive interface using HTML, CSS, and Bootstrap, ensuring a visually appealing experience for users.
- Utilized Spring Boot to implement RESTful APIs, facilitating seamless communication between the front end, database, and an integrated AI chatbot, enhancing user experience, and providing personalized assistance.
- Integrated an AI chatbot to provide personalized assistance, enhancing user interaction and engagement with the Online College Magazine platform.

Customer Virtual Assistant (CVA) | *NLU, Human-like Interaction, Multilingual Support*
- Developed a Customer Virtual Assistant (CVA) with Natural Language Understanding (NLU) capabilities, enabling accurate conversion of user audio input into text and comprehension of user intent, issues, and queries.
- Implemented Large Language Models (LLM) to generate human-like responses, engaging customers in meaningful dialogue, and providing effective assistance.
- Enabled multilingual support for English and Hindi languages, enhancing accessibility and usability, and achieved seamless integration of Speech-to-Text (STT), LLM, and Text-to-Speech (TTS) technologies for natural interactions.

Technical Skills

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

Skills: Web Development, Competitive Programming, NLU, ML, AI Chatbots, Deep Learning

Technologies/Frameworks: HTML, CSS, Bootstrap, Tailwind CSS, EJS, React.js, Express.js, Node.js, Next.js, MongoDB

Developer Tools: Git, GitHub

Achievements

- Achieved 3-star on CodeChef.
- Ranked in the top 5 in Coherence 1.0 in the AIML subdomain, organized by VCET.
- Finalist in Hackanova 3.0 2024, organized by TCET.
- Attained a global rank of 243 in the START 104 CodeChef Contest.
- Ranked in the top 100 in LeetCode's Biweekly 129 contest.