Vittesh Arora

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EDUCATION

Bennett University   Expected June 2026
B.Tech in Computer Science Engineering   *Greater Noida, UP, India*
- **CGPA (5 Semesters):** 8.30
- Ranked 88th out of 400+ teams in SmartBU Hackathon

SKILLS

Languages: English (Full-Working Proficiency), Hindi (Native)
Programming Languages: C++, Python, Java, JavaScript, TypeScript
Frameworks & Libraries: React.js, React Native, Node.js, Express.js, HTML, CSS, Tailwind
Cloud Platforms: Google Cloud Platform (GCP)
Databases: MySQL, MongoDB
Code Editors & Tools: VS Code, Git, GitHub, Microsoft Office
Technical Expertise: Data Structures & Algorithms, OOPS, Software Engineering, Operating Systems, REST APIs
Additional Skills: Basics of Machine Learning

Solved 320+ Problems on LeetCode, TUF+, and GeeksforGeeks

PROJECTS

CARBONMITRA - Web Application to Help Coal Mines Achieve Carbon Neutrality | *MERN Stack* ⌕
- Developed a web application to assist Indian coal mines in achieving carbon neutrality and optimizing sustainability efforts.
- Implemented features to quantify carbon emissions and deliver tailored carbon neutrality strategies.
- Integrated data visualization tools to present actionable insights on emissions and operational efficiency.
- Built using the MERN Stack to ensure scalability and user-friendly functionality, aligned with India's Net Zero mission.
- Tech Stack: React.JS, Node.JS, Express.JS, MongoDB, OpenAI API

Echoes - AI-Powered Landmark Exploration App | *React Native* ⌕
- Built a mobile app that uses GPT-4 and geolocation to generate real-time, site-specific landmark descriptions.
- Integrated Google Maps API for live location tracking and MongoDB to store visited locations.
- Gamified the experience with interactive quizzes and unlockable achievement badges to increase engagement.
- Automatically detects nearby landmarks and fetches AI-generated descriptions via GPT-4, defaulting to city info when no landmark is found.
- Tech Stack: React Native, MongoDB, Node.js, Express.JS, Google Maps API, OpenAI API

Cookie - AI Chatbot for College FAQs | *MERN Stack* ⌕
- Developed Cookie, an AI-powered chatbot designed to automate over 100 college-related FAQs, streamlining administrative tasks such as query resolution, scheduling, and data management.
- Scalable to any domain, the chatbot can be easily adapted for industries beyond education with minimal training and configuration.
- Integrated Power Virtual Agents for a conversational interface, delivering context-aware, accurate, and personalized responses.
- Used SharePoint as a dynamic, secure knowledge base to manage and update content in real time.
- Tech Stack: MERN Stack, Power Virtual Agents, SharePoint.

POSITIONS OF RESPONSIBILITY

FullStack BU   February 2023 – August 2023
Core Member   *Bennett University, Greater Noida, UP, India*
- Core team member in FullStack BU club at Bennett University.
- Managed and participated in organizing team for yearly tech fest of Bennett University called i-Cosmic.