

Professional Profile

Computer Engineering student skilled in frontend and backend development as well as database management. Experienced in Python, Java, C, HTML, CSS, JavaScript, Node.js, PostgreSQL, and MongoDB, with hands-on experience in API development, Docker, Git, GitHub and scalable system design. Proficient in designing high-performance applications, RESTful API integration, and database efficiency improvement.

Well-versed in problem-solving, data structures, and algorithm development, with a history of delivering innovative solutions in hackathons and academic projects. Enthusiastic about AI/ML-based applications.

Technical Skills

- **Programming Languages:** Python, Java, JavaScript, C
- **Backend Development:** Node.js, REST APIs
- **Databases:** PostgreSQL, MongoDB
- **Cloud:** Docker
- **Web Technologies:** HTML, CSS, JavaScript,Tailwind
- **UI/UX Prototyping:**Figma
- **Version Control:** Git, GitHub
- **Problem-Solving:** DSA.

Education

- **B.Tech in Computer Science & Engineering**
-Vidyalanakar Institute of Technology, Mumbai| 2022 – Present
-2nd Year | **CGPA: 10.0**
- **Higher Secondary Education (11th & 12th)**
-Birla College of Science, Arts, and Commerce | 2020 – 2022
-12th Percentage: 85%
-MHT-CET Score: **97.25 Percentile**

Projects

- **Figma UI Prototypes**
Figma
 - Designed interactive UI prototypes for projects like Chatbot and Resume Analyzer to streamline development workflow.

- **Ecosort App – Intelligent Waste Management**
Flask, MongoDB, HTML, CSS
 - Built a smart waste tracking platform with user login, collection center mapping, and community drive participation.
 - Integrated machine learning for waste identification and implemented QR-based tracking and reward system.
- **DPDP Compliance Automation Platform**
Streamlit, MySQL, APIs
 - Created an AI-powered platform to assess websites for DPDP compliance, privacy risks, and vulnerabilities.
- **Expense Tracker Web App**
HTML, CSS, JavaScript, Firebase
 - Developed a responsive web app for daily expense tracking with Firebase authentication and real-time database.
 - Enabled users to set expense limits and visualize spending patterns.
- **Weather Dashboard**
HTML, CSS, JavaScript, Weather API
 - Created a real-time weather forecast app fetching live data using APIs with an interactive, responsive UI.
- **Movie Search App**
React.js
 - Developed a movie search frontend application with dynamic rendering and responsive design.
- **Airbnb Clone**
MERN Stack (MongoDB, Express.js, React.js, Node.js)
 - Built a full-stack clone of Airbnb featuring user authentication, property listings, and booking functionality.

Hackathons

- **Selected for 24-hour Hackathon- HackVerse (WIET)-2025**
 - Developed an AI-based DPDP compliance checker to scan websites for privacy policies, security risks, and compliance gaps.
 - Applied Python, BeautifulSoup, Flask, and ML for automation, risk scoring, and auto policy generation.
 - **Selected for 48-Hour Hackathon – Nirman '25 (Amity University) – 2025**
 - Conceptualized and deployed Ecosort App, **an ML-based waste identification** and reward system.
 - Integrated Flask & MongoDB to sort waste and encourage environmentally friendly habits.
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Internship / Project Experience

- **Jr. Full-Stack Developer Intern**
VidyarthiMitra.org, Mumbai | May 2025 – June 2025

1. Contributed to the **Non-CET Registration Portal** project hosted on GitHub.
2. Built a responsive **React.js** frontend with form-driven UI for student registration.
3. Developed backend endpoints in **JavaScript/Node.js**, handling data flow, validation, and submission logic.
4. Integrated secure data storage using **MySQL**.

GitHub: github.com/Prarthana-05/non_cet

Certifications

- **Machine Learning with MATLAB** – ML model training.
- **MATLAB for Data Processing and Visualization** – Data analysis & visualization.
- **MATLAB Onramp** – MATLAB fundamentals.