Pranav Balasaheb Pote

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Education

Indian Institute of Information Technology, Tiruchirappalli, Tamil Nadu — Expected May 2026
Bachelor of Technology in Computer Science and Engineering | **CGPA: 8.72**

Maharishi Vidya Mandir Senior Secondary School, Chennai, Tamil Nadu, India — April 2022
Senior Secondary Education
Percentage: Class 12th: **95.8%**

The PSBB Millennium School, Chennai, Tamil Nadu, India — April 2020
Secondary School
Percentage: Class 10th: **96.8%**

Technical Skills

Programming: C | C++ | Python | HTML | CSS | JavaScript | React | Node JS | FastAPI |

Databases: MySQL | PostgreSQL

AI Tools: Dialogflow

Projects

Byte - Food chatbot — january 2025

- Leveraged Dialogflow's NLP capabilities to process and understand user queries, enabling the chatbot to dynamically interpret intents, extract parameters (e.g., food items and quantities), and provide context-aware responses, enhancing the user experience in food order management.
- Built a session-based order management system to manage in-progress orders with functionality for adding, removing, and completing orders, ensuring a personalized user experience.
- Developed backend logic in FastAPI, including API endpoints for communication between Dialogflow and the MySQL database.

Insights Daily - Blog site — January 2025

- A blog platform that delivers insightful articles across various categories such as art, science, technology, cinema, sports, and food.
- Implemented features such as adding, updating, and displaying blog posts efficiently using React for the front-end and Node.js/Express.js for the back-end.
- Provided a secure login and logout system using JWT authentication to ensure user privacy and session management.
- Handled data storage and retrieval efficiently using MySQL, supporting features like post creation, fetching, and categorization.
- Utilized the latest technologies like React Router Dom for routing, Context API for state management, and file upload capabilities for enriching blog posts with multimedia content.

Portfolio website — December 2024

- Demonstrated expertise in HTML, CSS, and JavaScript through a responsive and visually appealing portfolio website.
- Implemented a dynamic navigation bar with hover effects enhancing user interaction.
- Optimized the page layout and loading times by minifying CSS files and leveraging browser caching.
- Dynamic elements controlled via JavaScript, such as the dark mode toggle and responsive navigation menu.

Experience

Full-Stack Development Intern– ZDL Pvt. Ltd. (Zepto Digital Labs), Thane, India — Decemeber 2024 - January 2025

- Designed and developed a full-stack application, RHInnO Ethics, for managing clinical trial ethical certifications for a South African client.
- Implemented workflows for Applicants and Reviewers, including: Submission of predefined questions, answers, and document uploads (e.g., study details, sample space definitions, financial data). Routing submissions to reviewers and committees for evaluation and feedback. Supported outcomes such as acceptance, rejection, and amendments based on committee decisions.
- Used React for front-end development for front-end development and Node.js for back-end services, integrating MySQL databases for secure and efficient data storage

- Collaborated with the team to develop modular services, ensuring seamless interactions between applicants, reviewers, and administrators.
- Gained experience in end-to-end development of scalable, real-world applications.

Certifications

Udemy Web Development Bootcamp   January 2025
- Issuing Organization: Udemy
- Certificate Link: [View Certificate]

NPTEL Ethical Hacking Course   November 2024
- Issuing Organization: NPTEL (Funded by MoE, Govt. of India), Indian Institute of Technology Kharagpur
- Certificate Link: [View Certificate]

Achievements

NPTEL Ethical Hacking course   November 2024
- Achieved an Elite certification with a consolidated score of 94%, ranking among the top 1% of 6,948 candidates in the 12-week course conducted by NPTEL, IIT Kharagpur.

Prothymos Sports Fest   February 2024
- Captained the football team to victory, demonstrating leadership, strategic thinking, and the ability to perform under pressure.
- Coordinated training schedules and inspired team members, resulting in improved performance and team cohesion.

CBSE Maths Topper in Class 10th   March 2020
- Scored a perfect 100 in Class 10th Board Exams , demonstrating exceptional analytical skills and attention to detail.
- Consistently ranked among the top 1

Spelling Bee Competition   April 2014
- District Level Champion in Spelling Bee, showcasing excellent memorization skills and precision in language usage.
- Led and motivated peers in practice sessions, fostering teamwork and collaboration that contributed to collective success.