PRATHAM THACKER

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EDUCATION

Charotar University of Science & Technology   **October 2021 - Present**
Bachelor of Technology in Information Technology (IT) (CGPA: 9.25)   *Anand, Gujarat*

St. Xavier's High School   **August 2021**
Higher Secondary Certificate (88.88%)   *Kutch, Gujarat*

SKILLS

Technical Skills	Data Structures & Algorithms, React.js, Node.js, Express.js, REST APIs
Languages	C++, Python, Java, JavaScript, Typescript, SQL
Tools	Git, GitHub, VS Code, Postman
Database	Firebase, MySQL, MongoDB

PROJECTS

Ed-Tech Platform - (Node.js, Express.js, MongoDB)

- Engineered the backend of StudyNotion using Node.js and Express.js, creating APIs for user authentication and course functions, improving system efficiency by 40% and reducing downtime by 25%.
- Managed MongoDB data and collaborated with front-end developers to integrate RESTful API calls, reducing response times by 30% and increasing user registration efficiency by 25%.

Movie Recommendation System - (Python, Scikit-Learn, Flask)

- Developed a movie recommendation system using collaborative filtering, achieving 85% accuracy.
- Improved precision by 20% through advanced data pre-processing, model evaluation, and performance tuning.

Web Game - (HTML, CSS, JavaScript, PHP, MySQL)

- Developed an engaging web-based puzzle game using HTML, CSS, JavaScript, PHP, and MySQL, leading to a 45% increase in user retention and incorporating device camera functionality for enhanced user interaction.
- Amplified user engagement by 40% through interactive gameplay across four difficulty levels (Easy to Insane).
- Increased data accuracy by 30% by implementing a MySQL database to save scores.

EXPERIENCE

Miracle Technolabs   May 2023 - June 2023
Web Developer Intern cum Trainee (Remote)   *Jamnagar*

- Completed a 1-month internship at Miracle Technolabs, mastering **HTML**, **CSS**, **JavaScript**, **React.js**, and **Tailwind CSS**, and integrating APIs into real-world projects.
- Designed and created QUICK READ, a web app similar to InShorts, with category filters and news search.
- Contributed to over 10 engaging user interfaces with interactive features.

ACHIEVEMENTS

- Secured **2nd position** in the **Full Stack Web Development Hackathon** at my college among **30+ teams.**
- Ranked in the **top 25** out of **600+ participants** in the university coding contest.
- Served as a **campus ambassador** and promoted **Coding Ninjas** courses to over 500 students through targeted marketing campaigns and workshops, elevating user engagement by over 25%.