PRANJAL PATIL

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Profile Summary

Passionate Computer Engineering student with a strong ability to adapt, and grow continuously. A quick learner with a positive attitude and a strong willingness to take on new challenges, with a genuine interest in working and contributing to any organization that values learning, innovation, and growth.

Education

Charotar University of Science and Technology, CHARUSAT   **July 2023 – June 2027**

Bachelor in Computer Engineering (CGPA: 9.22 / 10.00, SGPA: 9.38) (3rd year student) Current

Parth Institute of Science and Competition, Vadodara

12th Grade: 91.89 pr   *2022-2023*
10th Grade: 99.45 pr   *2020-2021*

Experience

Backend Developer Intern - @CDPC, CHARUSAT UNIVERSITY   **May 2025– July 2025**

Node.js, Express.js, MongoDB, JWT, REST APIs
- Built secure REST APIs with **Node.js, Express.js, and MongoDB** to manage student outcome data for accreditation reporting.
- Implemented **JWT authentication**, role-based access, Excel uploads, automated email notifications, and report generation.
- Optimized backend workflows for dashboards, filtering, and document handling, improving data accuracy and admin efficiency.

Projects

PhD Scholar Portal & Admission Management System | ASP.NET Core, SQL Server

Live Project (Deployment in Progress)
- Developed a secure **PhD admission portal** using **ASP.NET Core MVC** and **SQL Server** with automated eligibility and workflow management.
- Implemented **OTP-based authentication** and **CGPA validation (≥ 6.0)** to prevent ineligible applications.
- Built **document upload workflows** and structured academic data handling to reduce manual errors.
- Created an **admin dashboard** with search, filters, and export features for real-time monitoring.

Placement cell Record System | MERN Stack

Live Project (Deployment in Progress)
- **Real-time MERN stack project** built in collaboration with the university's Placement Cell
- Tracks student career outcomes (placement, higher studies, entrepreneurship) across all institutes
- Collects data in four academic stages via Excel; enables admin filtering and dashboard view
- Generates summaries and analytics (e.g., highest/avg packages, institute-wise stats)
- Supports reporting needs for **NAAC, COE, GSIRF**, and university-level assessments

Technical Skills

Languages: C, C++, C#, JavaScript, Python, SQL
Technologies: ASP.NET Core, Razor Pages, Entity Framework Core, Node.js, SQL Server (SSMS), GitHub, HTML, CSS, Bootstrap
Concepts: Data Structure, Design Algorithms, Object Oriented Programming, Problem Solving, Digital Electronics, Microprocessor, Data Communication and Networks, Database Management System, operating system
Non-Technical skills: Interpersonal skills, Analytical Problem Solving, Teamwork, Leadership

Certifications

- C Programming for Beginners – Master the C Language, Udemy
- NPTEL Certified: Data Structure and Algorithms using Java (Score: 78%)
- .NET Core Technology, Coursera

Extra-Curricular & Activities

- Volunteer at TEDx CHARUSAT, contributing to event coordination and on-ground operations.