Milan Prajapati

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Education

Indian Institute of Technology (Indian School of Mines) Dhanbad   August 2023 - May 2027
*Bachelor of Technology in Computer Science and Engineering (GPA: **7.68** / 10.00)*   *(Dhanbad, Jharkhand)*
- **Relevant Coursework:** Data Structures and Algorithms (C++), Computer Organization and Architecture, Object Oriented Programming (C++), Theory of Computation, Discrete Mathematics, Operating System

G.D. Goenka International School, Surat   June 2022
CBSE Senior Secondary School Certificate (Class XII) - Percentage: 94.2%   *(Surat, Gujarat)*

Jawahar Navodaya Vidyalaya, Mehsana   March 2020
CBSE Secondary School Certificate (Class X) - Percentage: 93.8%   *(Mehsana, Gujarat)*

Projects

HectoClash – Real-Time Mental Math Duel Game | *React.js, JavaScript, Python* | HectoClash
- Developed a **responsive front-end** in **React.js**, enhancing user engagement for **real-time duels** on 20+ devices.
- Integrated dynamic puzzle generation with the **Python backend** to enable smooth gameplay for multiple users.
- Built **leaderboards**, timers, and scoring UI, boosting player retention and session length by **30%**.

Quick-Eat (Food Website) | *HTML, CSS, JavaScript* | Quick-Eat
- Designed and developed a **responsive** food website with **30% faster** page load and engaging **vibrant UI**.
- Implemented interactive features like **navbar toggling** and **animated visuals**, improving user engagement by **25%**.
- Optimized for mobile, desktop with modern CSS, Google Fonts, Font Awesome, increasing mobile usability by **40%**.

Classic Snake Game (Nokia-style) | *React.js, JavaScript, HTML, CSS* | Snake-Game
- Built a retro-style **Snake Game** using **React.js** with modular code and smooth gameplay at 60+ FPS.
- Implemented real-time **movement**, **collision detection**, and scoring logic via an optimized game loop.
- Designed a fully **responsive UI** using **HTML5/CSS3**, ensuring cross-device compatibility.

Technical Skills

Languages: Python, JavaScript, C, C++, TypeScript, HTML, CSS
Technologies: React.js, Angular, Django, Express.js, Next.js, Node.js, jQuery, Flask
Database and Tools: SQL, Git, GitHub, VS Code

Sport Programming

Platform	Username	Max Rating / Tier	Problems Solved
Codeforces	Milan_Prajapati	Pupil (1354)	375+
CodeChef	Milan_Prajapati	3-Star (Div2, 1648)	50+
LeetCode	Milan_Prajapati	Top 7.15% (1812)	300+
AtCoder	Milan_Prajapati	9-Kyu (281)	75+

Achievements

- **2nd Runners-up in PS, HackFest 25** – 36-hour college hackathon with 20+ teams.
- Attained **rank 298** in **Goldman Sachs India Hackathon 2025** in the Computer Science section.
- Contributed in **Social Summer of Code (SSoC) 2024** - an open source contribution program.
- All India Rank **4651** in JEE Advanced-2023 & **99.52** percentile (All India Rank **5640**) in JEE Main-2023.
- Achieved global rank **244** in CodeChef Starter 190 Division 3.
- **Finalist in Bizathon** - Pitch a Deck Competition among 100+ teams from prestigious colleges.

Social Engagements

Member: RoboISM - The robotics and AI club of IIT Dhanbad & **WebCSE** - The Web Development Society of IIT Dhanbad
Organisor: Parakram 2025 - Annual sport fest of IIT Dhanbad
Sports-Engagements : Chess (State Level), Basketball, Badminton, Cricket