# PRIYANSHU RANJAN

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## Education

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| **Birla Institute of Technology, Mesra** | **2023 − 2027** |
| *B.Tech in Computer Science & Engineering (AI & ML)* | *CGPA: 7.86* |
| **Surendranath Centenary School,Ranchi** | **2023** |
| *Senior Secondary (CBSE) − 12th Grade* | *Percentage: 89%* |
| **Surendranath Centenary School,Ranchi** | **2021** |
| *Secondary (CBSE) − 10th Grade* | *Percentage: 96%* |

## Projects

**CodeNotes − Developer-Focused Blogging Platform:** <u>Source Code</u>
* A full-stack blogging platform tailored for developers to seamlessly write, publish, and discover technical content.
* Designed with a modern tech stack: **React** for dynamic UI, **Tailwind CSS** for utility-first styling, and **Cloudflare Workers** for lightning-fast edge deployment.
* Implements a scalable backend using **PostgreSQL** and **Prisma ORM** for efficient, type-safe database interactions .
* Enables **JWT authentication**, protected routes, and performance-optimized API handling via **Wrangler CLI**.

**SummAIze − AI-Powered Article Summarizer Extension:** <u>Source Code</u>
* A Chrome extension to generate concise summaries of online articles, enhancing reading efficiency.
* Built with **JavaScript**, **HTML**, and **CSS** using the **Chrome Extensions API** for seamless browser integration.
* Leverages the **Gemini API (Google AI)** to extract key insights and present summarized content with a single click.
* Implements a clean popup interface and content scripts for real-time DOM interaction across active web pages.

**Portfolio Website:** <u>Source Code</u>
* Designed and developed a personal portfolio website to showcase projects, achievements, and skills in a structured and responsive layout.
* Built using **React**, **TypeScript**, **React Router Dom**, and **Tailwind CSS** to ensure smooth navigation and modern UI/UX design.

## Skills

* **Languages**: C++, Python, JavaScript, TypeScript, HTML
* **Frameworks & Libraries**: Node.js, Express.js, ReactJS, Tailwind
* **Tools/Platforms**: Docker, Postman, GitHub, MongoDB, PostgreSQL
* **Relevant Coursework**: Data Structures,Operating System,Object Oriented Programming,Database Management System

## Competitions & Achievements

* Solved **350+ DSA problems** on LeetCode (Rating: 1550) and over **500+ problems** across various coding platforms, strengthening core problem-solving skills. [**LeetCode Profile**]
* Rated **1368** on CodeChef; achieved a global rank of **1398** in **STARTERS 197**. [**CodeChef Profile**]
* Participated in hackathons organized by **IEEE**, gaining experience in real-world coding and collaborative development.

## Honours and Awards

**NTSE Scholar** **State Rank 09**

* Secured **State Rank 09** in the prestigious National Talent Search Examination (NTSE).

**WBJEE (West Bengal Joint Entrance Exam)** **AIR GMR-1530**

* Secured a rank of **1530 out of 100,000+ students** in one of India's largest engineering entrance exams.

**Abacus Prodigy Competition** **All India Rank 03**

* Achieved **All India Rank 03**, declared **State Champion** and **City Topper** among 10K+ students nationwide.

**HDFC All India Painting Competition** **All India Rank under 50**

* Secured **All India Rank under 50** in a national-level painting contest organized by **HDFC**, competing among thousands.