

PRIYANSHU RANJAN

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Education

Birla Institute of Technology, Mesra

2023 – 2027

B.Tech in Computer Science & Engineering (AI & ML)

CGPA: 7.86

Surendranath Centenary School

2023

Senior Secondary (CBSE) – 12th Grade

Percentage: 89%

Surendranath Centenary School

2020

Secondary (CBSE) – 10th Grade

Percentage: 96%

Projects

CodeNotes – Developer-Focused Blogging Platform:

[Source Code](#)

- * 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 and future-proof extensibility.
- * Enables Markdown-based blog editing, secure **JWT authentication**, protected routes, and performance-optimized API handling via **Wrangler CLI**.

SummAIze – AI-Powered Article Summarizer Extension:

[Source Code](#)

- * A Chrome extension to generate concise summaries of online articles, enhancing reading efficiency and content digestion.
- * 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, persistent storage, and content scripts for real-time DOM interaction across active web pages.

Technical Skills

Languages: Python, C++, JavaScript, TypeScript, Python

Backend: Node.js, Express.js

Frontend: React, TailwindCSS, HTML, CSS,

Clouds & Databases: AWS, PostgreSQL, MongoDB

Web Technologies: Docker, JWT

Developer Tools: Postman, VS Code, GitHub,

Honours and Awards

NTSE Scholar

State Rank 09

- * **Awarded NTSE Scholarship** for securing **State Rank 09** in the prestigious National Talent Search Examination (NTSE).

All India Painting Competition – HDFC

All India Rank under 50

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

Abacus Prodigy Competition

All India Rank 03

- * Achieved **All India Rank 03**, declared **State Champion** and **City Topper** in a nationally recognized Abacus Prodigy Contest across 10K+ students.

Competitions & Achievements

- Solved **350+ DSA problems** on LeetCode, strengthening core problem-solving skills with a rating of 1550. [Link](#)
- Participated in hackathons organized by **IEEE**, applying real-world coding and collaboration.