PREM CHANDRA PRASAD

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EDUCATION

International Institute of Information Technology Bhubaneswar, Odisha
Bachelor of Technology in Computer Science Engineering, Second Year — CGPA: 8.6 *2023 – Present*

Hill Top School Jamshedpur, Jharkhand
Secondary Education ,12th — Percentage: 91% *2021 – 2023*

PROJECTS

Applicant Tracking System (ATS) | *TypeScript, NestJS, PostgreSQL, Prisma*
- Developed a scalable backend system for an ATS platform that enables recruiters to evaluate and rank candidate resumes based on job-fit.
- Built RESTful APIs for user authentication (JWT + cookie-based), resume uploads using Multer, and role-based access control (Recruiter/Job Seeker).
- Stored and indexed parsed resume data and ATS scores efficiently using PostgreSQL and Prisma ORM, ensuring fast recruiter queries.

Anonymous Messenger | *Next.js, TypeScript, MongoDB, Tailwind CSS*
- Developed a full-stack web application that allows users to send anonymous emails securely via the Resend API, solving the challenge of maintaining privacy in digital communication.
- Integrated Google's Gemini API to generate smart, context-aware message suggestions, and implemented secure user authentication with OTP verification and JWT-based session handling.

CreatorConnect | *Next.js, JavaScript, Tailwind CSS*
- Built a full-stack content support platform where fans can financially support their favorite creators, using Razorpay for secure and seamless payment integration.
- Implemented OAuth-based user authentication for smooth and secure sign-ins, and enabled creators to publish exclusive content while fans engage with posts in a clean, responsive UI.

ACHIEVEMENTS

- **D3 Hackathon Finalist** – Developed a *File Inventory* system that efficiently organizes, tracks, and secures digital files with categorization, version control, and user permissions to enhance accessibility and prevent data loss.

- **Smart India Hackathon (SIH)** – **College Finalist** – Built *Anubandh*, a collaboration platform that streamlines communication, resource sharing, and networking, improving engagement and team productivity.

- **Nirman (Silicon University)** – Created *ArogSphere*, a healthcare platform that helps users predict diseases, locate affordable medicines, and contribute to medical causes, enhancing accessibility and community-driven support in healthcare.

SKILLS

Programming Languages: Java, Python, C/C++, JavaScript, TypeScript
Frameworks Databases: React.js, Node.js, Next.js, nestjs, MongoDB, PostgreSQL, TailwindCss
Developer Tools: Visual Studio, Jupyter Notebook, Git (basic), Postman
Libraries: Pandas, NumPy, Matplotlib, Scikit-learn
Others: DBMS, Data Structures Algorithms, OOP, Problem Solving, Project Management, Teamwork, Analytical Thinking