






# SUNNY RANJAN

Software Developer

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## SUMMARY

A highly motivated and passionate developer with skills in web development, UI/UX design, and database management. Experienced in building real-world projects using HTML, CSS, JavaScript, Node.js, and MongoDB/MySQL. Currently pursuing an internship at RRID TECH PRIVATE LIMITED and recognized as a Smart India Hackathon (SIH) Finalist, showcasing strong problem-solving, innovation, and teamwork skills. Eager to learn new technologies and contribute to impactful projects while continuously improving technical and communication abilities.

## TECHNICAL SKILLS

- **Programming Languages** :- C/C++, Java, JavaScript, Python, TypeScript
- **Development** :- HTML, CSS, React.js, Node.js, Express.js, React Native
- **Database & Cloud** :- SQL/MySQL, MongoDB, AWS
- **Data Science** :- Excel, Power BI, Python Libraries, AI/ML, Data Analysis & Visualization
- **Tools & Technologies** :- Git, Github, REST APIs, JWT, Redux Toolkit, JSON
- **Cloud & Deployment** :- Vercel, Render
- **UI/UX** :- Figma, Canva
- **Others** :- DSA (Data Structures & Algorithms)

## EDUCATION

- **Bachelor of Technology (B.Tech)** – Computer Science & Information Technology  
Sagar Institute Of Research and Technology (SIRT)  
Batch: 2023 – 2027 (Pursuing)
- **Senior Secondary (12<sup>th</sup> & 10<sup>th</sup>)**  
Bihar School Examination Board (BSEB)

## PROJECT

- **Crypto Detection (SIH Team Project)**  
Developed an AI-based web application to detect hidden cryptographic algorithms (AES, RSA, SHA-256, etc.) from firmware/code files. Built using Python (Flask) for the backend+HTML, CSS, JavaScript for the frontend, showcasing teamwork, AI integration, and problem-solving skills.
- **Snapcart (E-commerce Project)**: Developed a full-stack e-commerce web application using Next.js, React, Node.js, MongoDB, Stripe payment integration, and Redux Toolkit for state management.
- **Virtual Assistant (AI-Based)**: Built a MERN-based voice assistant with Gemini API integration for task automation, search, weather, and smart responses.
- **TVM Public School Management App**: Developed a school management application for managing student records, attendance, notices, fees, and academic activities with a user-friendly interface and secure system functionality.

## ACHIEVEMENT & CERTIFICATION

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|---|--------------------|
| • Programming in Java – NPTEL                               | Jul - oct 2025     |
| • Smart India Hackathon (SIH) – Grand Finalist              | Dec - 2025         |
| • Cybersecurity Analyst Virtual Job Simulation – Tata Group | Forage, Nov - 2025 |
| • ESG Virtual Job Simulation – Tata Group                   | Forage, Nov - 2025 |
| • Data Analytics Virtual Job Simulation – Deloitte          | Forage, Jun - 2025 |
| • UI/UX Internship – SkillCraft Technology                  | 1 Month Jun- 2025  |
| • Data Science Internship - CodeAlpha                       | 1 Month Apr- 2026  |
| • AWS Summit India Online – Amazon Web Services             | June - 2025        |