SUNDARAM RAJIVKUMAR RAI

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EDUCATION

Thakur College of Engineering and Technology *2021 - 2025*
B.E. in Computer Engineering CGPA: **9.12**/10

WORK EXPERIENCE

Homeville Group | *Associate Software Engineer* *Jan 2025 - Present*

- Develop and maintain **Angular**-based web applications for multiple companies managing loan financial operations and user data
- Successfully manage **2-4** concurrent projects while maintaining high code quality standards and meeting project deadlines
- Implement fintech industry best practices ensuring regulatory compliance and robust security protocols

Zidio Development | *Web Developer Intern* *Jun 2024 - Sep 2024*

- Built comprehensive job portal using **MERN stack** with responsive UI/UX design supporting **500+** job listings
- Engineered advanced job search functionality with filtering and matching algorithms, increasing platform user retention
- Built scalable backend infrastructure to handle **100+** concurrent users and data processing

Tata Steel Limited | *Software Developer Intern* *Aug 2023 - Jan 2024*

- Developed full-stack application using **React.js** and **Node.js** to optimize machine utilization across **15+** manufacturing units
- Implemented automated data collection system with real-time metrics visualization for **8** production lines
- Designed integrated analytics framework providing actionable insights for strategic decision-making in manufacturing operations

PROJECTS

Juris AI - Intelligent Legal Research Platform 🌐

- Built AI-powered legal assistance platform using **Angular** frontend and **Node.js** backend architecture
- Integrated **Google Gemini API** and custom **NLP** algorithms for intelligent legal document analysis and case research
- Implemented **MongoDB** database with secure **JWT** authentication for user management and document storage
- Developed automated legal document generation with PDF export functionality using **jsPDF** library

LingoLeap - Speech Therapy Platform 🌐

- Developed full-stack speech therapy application using **Next.js** with **TypeScript** and **MongoDB** database
- Integrated **Web Speech API** and custom pronunciation assessment algorithms for real-time Hindi speech recognition
- Implemented secure user authentication with **NextAuth.js** and deployed on **Vercel** with optimized performance

ClassTrack - Attendance Management System 🐙

- Built comprehensive ERP system with **SQLite** database for educational institution management
- Created RESTful API endpoints with **REST** framework for mobile app integration and third-party services
- Developed role-based authentication system with separate dashboards for administrators, teachers, and students

SKILLS

Programming Languages	Python, TypeScript, JavaScript, C++, HTML, CSS, SQL
Frameworks/Libraries	React.js, Next.js, Tailwind CSS, Bootstrap, Node.js, Django
Databases/Tools	MySQL, MongoDB, Firebase, Git, GitHub, Postman, WordPress, Figma, Vercel, Render

ACHIEVEMENTS

Semi-Finalist | Devfolio's Hackathon *Technovate 2.0*	*Nov 2024*
Finalist | Devfolio's Hackathon *Hack Hurricane*	*Jan 2024*
Public Relations Lead | TCET's CSI Working Committee	*Aug 2022 - Apr 2023*
Social Work Intern | Friends2Support	*Jan 2023*