

Rupsa Das

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SUMMARY

Passionate about development and technology, eager to learn and grow as a developer. Skilled in modern web technologies, database management, and collaborative development, with a strong focus on writing clean, maintainable code and delivering high-quality solutions.

WORK EXPERIENCE

Tellis Technologies Pvt Ltd

Siliguri, West Bengal, India

Full-Stack Development Intern

July 2025 – Aug 2025

- Directed the development of scalable, user-friendly **React.js dashboards** with role-based access for Admins and Employees, ensuring smooth integration with backend APIs.
- Crafted core backend services in **Express.js and Node.js**, including **authentication, task management, leave management, employee creation, and task creation/assignment**, with data persistence handled via **PostgreSQL + Prisma ORM**.
- Designed and secured API endpoints to maintain **separate role-based dashboards**, enabling seamless data flow between frontend and backend.

TECHNICAL SKILLS

Technologies: Next.js, React.js, Tailwind CSS, Node.js, Express.js, MongoDB, MySQL, PostgreSQL

Languages: Java, JavaScript, TypeScript

Tools: VS Code, Vercel, Postman, Git, GitHub

Practices: REST APIs, SDLC, Test-Driven Development, Responsive Design

Coursework: DBMS, Object Oriented Programming

PROJECTS

PlantDiaries - Plant-Themed Social Platform | MERN Stack

Dec 2024 – Dec 2024

- Created a plant-themed web app for users to share stories and images, focusing on an engaging and responsive UI.
- Implemented secure user authentication via **JWT**, ensuring **100% data privacy** and seamless access control.
- Enhanced performance with a responsive UI built using **React.js** and **Tailwind CSS**, leading to a **30% increase** in engagement and **20% faster load times**.
- Integrated **Cloudinary** for image uploads, achieving **100% successful upload rates** of high-quality photos.

GreenThumb - Crop Recommendation System | React.js, FastAPI, Python, scikit-learn

Aug 2024 – June 2025

- Contributed to the **frontend and integration** of a crop recommendation system predicting **optimal crops** from soil and weather parameters.
- Designed a **responsive React.js frontend** for farmers and agri-tech users with **real-time recommendations**.
- Core ML models were **implemented by the team using scikit-learn and Python**, and integrated into a high-performance backend built with FastAPI.

Employee Monitoring System | Node.js, Express.js, MongoDB, React.js

July 2025 – Aug 2025

- Built during **Tellis internship** to enable organizations to **track employee tasks, productivity, and time**.
- Developed **backend services in Node.js and Express.js**, including **authentication, task management, leave management, employee onboarding, and task assignment**.
- Directed the developed UI into **separate dashboards for Admin and Employees**, ensuring clear role-based accessibility and data flow.
- Created **interactive React.js dashboards** for real-time monitoring, reporting, and task visualization.
- Enhanced **team collaboration skills** by working on Git workflows, resolving merge conflicts, and debugging in a collaborative environment.

EDUCATION

Asansol Engineering College

Asansol, India

B.Tech in Information Technology (7.72)

2021 – 2025

DAV Public School

Rupnarayanpur, India

Higher Secondary (67%)

2019 – 2021