

Kiran Samanta

Highly motivated Computer Science Engineering student with a strong academic foundation from Techno College of Engineering, Agartala.

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📍 Agartala

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WORK EXPERIENCE

CTTC Bhubaneswar

Intern

July 2024 - August 2024

- Gained hands-on experience in **Python programming**, including core concepts, problem-solving, and script development.
- Learned Django framework fundamentals such as models, views, templates, and URL routing.
- Built basic web applications using **Django** to understand backend development and data handling.
- Worked with **SQLite/MySQL** databases and learned how to integrate them with Django projects
- Practiced writing clean, structured code and followed proper project organization techniques.
- Strengthened understanding of web development concepts, backend logic, and server-side programming

Ardent Computech Pvt. Ltd.

Intern

June 2025 - August 2025

- Developed a full-stack web application “Bike Rental Services” using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Designed frontend UI components in React.js to ensure smooth user experience and responsive layouts.
- Built and integrated RESTful APIs using Node.js and Express.js for handling bookings, user data, and rental operations.
- Implemented MongoDB database schemas to store and manage vehicle, user, and rental information efficiently.
- Collaborated in an agile environment, debugging, testing, and optimizing features for better performance.
- Gained hands-on experience in full-stack development, deployment workflows, and version control (Git)

EDUCATION

Techno College of Engineering Agartala

Bachelor of Technology in Computer Science & Engineering - 6.5

September 2022 - June 2026

PROJECTS

Fake News Detection [🔗](#)

April 2025 - June 2025

- Utilized Python to develop a Fake News detection Model
- Enhanced the accuracy of the model through rigorous testing and validation

Bike Rental Service [🔗](#)

July 2025 - August 2025

- Utilized MERN Stack to develop a Bike Rental Service site
- Enabled users to view and book bikes online
- Enhanced user experience through the creation of an online bike rental platform

Time Series Forecasting using Fuzzy Logic [🔗](#)

September 2025 - ongoing

- Developed a Fuzzy Model for stock price prediction using historical data
- Utilized Python, Pandas, Numpy, and Matplotlib for data analysis and visualization

Portfolio Website [🔗](#)

January 2026 - January 2026

- Designed and developed a fully responsive personal portfolio website with modern UI/UX design principles
- Built a secure admin dashboard for managing portfolio folders, project uploads, and client messages
- Implemented dynamic portfolio gallery with project categorization and modal previews
- Developed RESTful APIs using Node.js and Express.js for backend operations
- Integrated MongoDB for storing project data, folders, and contact form submissions
- Enabled cloud-based image uploads and optimization using Cloudinary
- Implemented authentication and authorization for admin access
- Ensured cross-device responsiveness and performance optimization
- Deployed frontend and backend using modern hosting platforms (Vercel, Render)

Tech Stack: React.js, Node.js, Express.js, MongoDB, Cloudinary, REST APIs, CSS

SKILLS

Python Javascript ReactJs NodeJs MongoDB MySQL

LANGUAGE

English Advanced

Hindi Superior

Bengali Native