

# Ramith Chatterjee

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Final-year CSE student and aspiring full-stack developer with strong skills in programming, data structures, and algorithms. Proficient in the MERN stack (React.js, Node.js, Express.js, MongoDB) with additional experience in Python, Java, and C++. Completed an internship at Indian Railways and built projects including e-commerce, real-time messaging, and weather apps, with a passion for creating efficient, user-focused solutions.

## Education

🎓 **Bachelor of Technology in Computer Science & Engineering (BPUT, Odisha)** 2022 – 2026  
Parala Maharaja Engineering College, Berhampur

## Experience

🏢 **Indian Railways, Bhubaneswar** Internship  
**Full Stack Developer Intern**

Developed a **Complaint Management System** using **React.js**, **Express.js**, and **MongoDB**.

- Reduced complaint resolution time by **40%** through automated tracking and real-time updates.
- Built REST APIs that improved data handling efficiency by **30%**.
- Designed a responsive UI that reduced manual form-filling errors by **25%**.

## Projects

🌤️ **WeatherView** [Live Demo]

A visually rich weather app combining real-time data with AI-curated imagery.

- Implemented weather-matched backgrounds, enhancing user experience (+**35%** session time).
- Reduced API response latency by **20%** through optimized request handling.

🛒 **Shoplyst – Fullstack E-commerce Website** [Live Demo]

A scalable MERN-based e-commerce platform.

- Improved checkout speed by **30%** with optimized API calls.
- Integrated authentication and product management, reducing cart abandonment rate by **25%**.
- Designed a responsive UI, increasing mobile usability by **40%**.

💬 **Chatly – Real-time Messaging App** [Live Demo]

A real-time chat app built with MERN stack + Socket.io.

- Enabled real-time updates with Socket.io, reducing message delivery delay by **45%**.
- Designed multi-room chat functionality for **100+ concurrent users**.
- Enhanced user retention by **20%** with responsive and intuitive UI.

## Professional Skills

🔗 **Programming Languages:** Python, Java, C++ (OOP, problem solving).

🌐 **Web Development:** HTML, CSS, JavaScript; React, Node.js.

🗄️ **Database Management:** SQL and NoSQL (MySQL, MongoDB).

🛠️ **Software Development:** Git, SDLC, Agile methodologies.