

Sameer Paul

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Education

B.A. College of Engineering & Technology, Jamshedpur, Jharkhand

2015 - 2019

Professional Experience

Designation: High Risk Mechanical Supervisor

East India Engineers & Consultants

Tata Steel Site

09/2019 - 09/2021

- Led a team of **12 engineers** in **high-risk mechanical operations**, specializing in **Conveyor Belt Joint projects**, with a focus on maintaining **safety and operational excellence**.
- Conducted over **300-400 safety meetings**, boosting team safety by **40%** and ensuring compliance with safety protocols.
- Worked on **10-12 of the most critical projects** in **hazardous environments**, consistently performing **50% better** than previous benchmarks, ensuring on-time delivery and high-quality outcomes.

Technical Skills

- *Frontend Development:* **HTML, CSS, JavaScript, React.js, Redux**
- *Backend Development (Currently Learning):* **MongoDB, Express, Node.js**
- *Version Control:* **Git**
- *Deployment:* **Netlify, Vercel, GitHub**

Projects

GamingGeeks — Blogging WebApp — MERN | [Github](#) | [Live Demo](#)

March 2025 - May 2025

- Developed **GamingGeeks** — a MERN-stack blogging platform for gamers and geeks to share insights on PC, Consoles and Gaming.
- Enabled **OTP-based login and signup** using **NodeMailer**, enhancing account security with email verification.
- Designed a minimalist, content-focused UI with a **non-conventional navbar** and **category slider** for a distraction-free reading experience.
- Built a dynamic **Home Page** displaying all blog articles with real-time **AI-powered sentiment analysis** (positive/negative/neutral) for the article.
- Implemented a user **Dashboard** allowing blog creation, preview of the latest four posts, and future features like profile, settings, and saved articles.
- Developed an **Article Page** with full blog content and integrated commenting system to foster reader interaction.
- Used **React.js** for frontend with modular components, **Express.js + MongoDB** backend, and intuitive routing via **React Router**.
- Prioritized scalability and code maintainability; upcoming improvements include working category filters and responsive design with media queries.

CryptoTracker — Cryptocurrency Dashboard | MERN | [Github](#) | [Live Demo](#)

April 2024 - May 2024

- Built a fully functional **Cryptocurrency Tracker Web App** using the **MERN stack** to display real-time coin data.
- Integrated **CoinGecko API** to fetch dynamic data on over 100 cryptocurrencies including price, market cap, and 24h change.

- Developed interactive **search and filter** functionality with instant result rendering using React state management.
- Implemented detailed **coin detail pages** with price charts, market stats, and historical trends.
- Ensured **responsive layout** across devices and clean component reusability for future scalability.

Shopcart (E-Commerce Platform) | MERN

In Planning

- Planning and preparing to develop a feature-rich e-commerce web application inspired by Flipkart using the **MERN stack (MongoDB, Express.js, React.js, Node.js)**.
- Setting up the project structure with a focus on modularity, scalability, and clean architecture for both frontend and backend.
- Defining user flows and UI wireframes for buyers and sellers; initial design phase being styled with **Tailwind CSS**.
- Planning implementation of secure **JWT authentication** along with future support for **email and phone OTP verification**.
- Preparing database schema designs for user accounts, products, and order management using **MongoDB**.
- Identifying required components for product listings, shopping cart, checkout flow, and seller dashboard.
- **Currently in the planning phase**, laying the groundwork for a robust foundation and minimum viable product .

Online Certifications

MERN Stack - Acciojob

November 2022 - Present