

Swastik Pratik Singh

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🌐 [linkedin](#)

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🌐 [Portfolio](#)

Education

Bundelkhand Institute of Engineering and Technology
Bachelor's of Technology in Electrical Engineering (CGPA : 7.33)

Dec 2021 - June 2025
Jhansi, Uttar Pradesh

Projects

Librento | *React.js, Redux Toolkit, Node.js, MongoDB, Tailwind CSS* | 🌐 [Live](#) May 2025 - Jun 2025

- Built a complete library management platform with user authentication, book tracking, member management, and borrowing/return operations.
- Developed a dashboard with real-time statistics, recent activity logs, and CRUD features for books and members.

EzyBuy(E-commerce) | *Node, Express, TypeScript, MongoDB, React, RTK* | 🌐 [Live](#) Aug 2024 - Dec 2024

- Designed and implemented a **user-friendly interface** for customers to browse and purchase products also have product section with features such as product **categorization, filtering, and searching**
- Enhanced payment processing with a secure, Stripe-powered gateway, ensuring compliance, fast transactions, and seamless integration.
- Designed a robust admin panel for unified content, product, and order management, enhancing efficiency by 15% and reducing order fulfillment time by 10% with real-time analytics and reporting.

FuelTheGrind (Micro-donation Platform) | *Nextjs, tailwind, razorpay* | 🌐 [Live](#) | [demo](#) Sep 2024 - oct 2024

- Architected a scalable **authentication** framework using **nextAuth**, resulting in a **30%** reduction in login latency and a **25%** increase in user engagement. having decent UI
- Developed and deployed a seamless payment experience using **Razorpay**, resulting in a **25%** increase in transaction volume and a **15%** increase in customer satisfaction.

Achievements

- Achieved a ranking of **1,629** out of **24,000+** participants in Codeforces Round 970 and **2,051** out of **29,000+** participants in Codeforces Round 952.
- Solved **900+** problems using both brute force and optimal approaches, reaching a rating of **1600+** on Codeforces.
- Solved **450+ Data Structures and Algorithms** problems on Leetcode, including **110+ Medium and Hard** level questions, and participated in **20+ coding contests**.
- Secured a position in the **top 2% (Rank 373)** globally in CodeChef Starters 140 Div 4 among 18k+ contestants, and **385/3.9k+ (top 9%)** in Starters 142 Div 3.
- Secured **Rank 1446** in **TCS CodeVita Season 12**, a global coding competition with 100k+ participants. [\[Certificate\]](#)

Coding Profiles

[CodeForces](#) | Specialist (Max 1406) [LeetCode](#) | Knight (Max 1899) [CodeChef](#) | 3 ★ (Max 1697)
[GFG](#) | (Max 1747) [Code360](#) | (Max 2439)

Certifications

- **Full Stack Web Development** – 100xDevs (Cohort 2.0) [\[Certificate\]](#)
- **Database Management Systems (DBMS)** – Covered ER modeling, normalization, SQL queries [\[Certificate\]](#)
- **Docker Essentials for Developers** – Containerization, Docker CLI, Dockerfile, images/volumes [\[Certificate\]](#)
- **Git & GitHub, C++ Programming** – Version control fundamentals and OOPs concepts [\[Git\]](#) [\[C++\]](#)

Technical Skills

Languages: C, C++, JavaScript, TypeScript

Web Technologies: React.js, Next.js, Node.js, Express.js, Tailwind CSS

Databases & ORMs: MongoDB, PostgreSQL, Mongoose, Prisma

Environments & DevOps: Docker, Linux

Tools: Git, GitHub, Postman, VS Code

CS Fundamentals: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks