

# SHREYANSH SRIVASTAVA

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## Education

### Bundelkhand Institute of Engineering and Technology

Sep 2022 - May 2026

B.Tech in Information Technology (GPA: 7.69)

Jhansi, U.P

- **Coursework:** Data Structures, Operating Systems, Computer Networks, Databases, Analysis of Algorithms

### Bishop Johnson School and College, Prayagraj

Apr 2019 - Mar 2021

Intermediate (86.2%)

Prayagraj, U.P

## Technical Skills

- **Languages:** Python, C/C++, Java, JavaScript, TypeScript, SQL, HTML/CSS.
- **Frameworks:** Node.js, Django, React, Next.js, Bootstrap, FastAPI, Tailwind CSS.
- **Tools:** Git, Postman, MongoDB, Vercel, Render.

## Soft Skills

- Communication, Teamwork, Leadership, Writing.

## Projects

### Real Time Chat App (MERN Stack): [\(LINK 🔗\)](#)

Mar 2025 - Apr 2025

Tools Used: MongoDB, Express.js, React, Node.js, Socket.io

- Designed and built a **high-availability real-time chat platform** using **Node.js** and **Express.js**; achieved **99.99% uptime over two years** with zero critical security breaches.
- Integrated **Sentry error tracking**, identifying and resolving the three biggest causes of **crashes** including **video call freezes**, resulting in a **35% reduction in user-reported issues**.
- Strengthened **platform security** by implementing robust **authentication and authorization** with **Clerk** and **bcrypt**, safeguarding **1,000+ user accounts** and mitigating vulnerabilities by **60%**.
- Deployed the **full-stack application** on **Vercel** with secure **environment configurations**, enabling seamless **scalability** and a **production-ready environment**.

### Finance Tracker App (MERN Stack): [\(LINK 🔗\)](#)

Jun 2025 - Jul 2025

Tools Used: MongoDB, Express.js, Next, Node.js

- Built a secure Finance Tracker application using **Next.js**, enabling users to log and categorize over **1,000+ transactions**, while maintaining a **responsive UI** optimized for mobile and desktop.
- Integrated **persistent data storage** with a backend API, reducing data retrieval time by **30%** and allowing seamless analysis of **historical financial records**.
- Designed and implemented an **interactive dashboard** with **real-time visualizations**, helping users identify **spending patterns across 5+ categories** and improve budgeting efficiency by **20%**.
- Developed **advanced filtering and search features**, enabling transaction tracking by **date, category, and payment method**, cutting search time by **40%**.
- Enhanced **data protection** by implementing authentication and authorization mechanisms, ensuring **100% user privacy** and compliance with secure data handling practices.

## Achievements

- Cultivated a strong foundation in Competitive Programming and Algorithmic Complexity by completing over **400** challenges across CodeForces, LeetCode, and CodeChef, with a focus on topics like Graph Theory.
- Achieved a **2-star** rating (Max Rating: 1545) on CodeChef ([Profile 🔗](#)) and a **Newbie** rating (Max Rating: 1056) on Codeforces ([Profile 🔗](#)), demonstrating strong skills in algorithmic thinking and computational analysis.
- Awarded First Prize in the event at the Annual Innovation and Technical Fest [View Certificate 🔗](#). [Other Certificates 🔗](#).
- Spearheaded The Syntax Society's coding workshops, teaching 30+ students weekly.
- Solved over 300 problems on LeetCode ([Profile 🔗](#)), showcasing strong algorithmic and data structure skills.