

PRIYANSHU CHAURASIA

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🌐 [priyanshu-chauriasia](https://priyanshu-chauriasia.github.io)

🔗 [Priyanshu-sde](#)

🌐 [priyanshu.online](#)

EDUCATION

Kamla Nehru Institute of Technology, Sultanpur

B.Tech - Information Technology - CGPA - 7.58

2023 – 2027

Sultanpur, Uttar Pradesh

COURSEWORK

- Data Structures
- OOPS
- Computer Networks
- System Design
- Algorithms
- Operating Systems
- DBMS

PROJECTS

GitDrip 🔗 | [Node.js](#), [Commander.js](#), [OpenAI](#), [GitHub API](#), [Cron](#), [npm](#)

Jul 2025

- Engineered and published a cross-platform CLI tool that automates 90% of GitHub commit workflows by using AI for commit message generation, auto-staging, and push operations.
- Integrated secure SSH key management, OpenRouter API, and background daemon mode, enabling hands-free version control through scheduled commits across unlimited repositories
- Launched CLI tool with 500+ downloads in the first week, demonstrating strong demand and utility.

SkyDeploy 🔗 | [TypeScript](#), [React](#), [Tailwind](#), [AWS S3](#), [Redis](#), [Vite](#), [Node.js](#)

Jun 2025

- Engineered a cloud-native deployment platform using microservices (upload, build, handler), enabling CI/CD for over 50 GitHub-hosted projects, serving 20+ active users.
- Reduced deployment time by 40% by integrating Redis queues, AWS S3 storage, and chunked file streaming, resulting in deployment times of under two minutes.
- Delivered a developer-friendly UI with live deployment logs and status tracking, reducing manual effort by 80% and boosting platform adoption.

Online Examination System 🔗 | [Node.js](#), [Express.js](#), [MongoDB](#), [JWT](#), [REST API](#)

Apr 2025

- Co-developed a robust online examination backend in collaboration with one peer, integrating secure JWT-based authentication and fine-grained role-based access control to support over 1,000 active users.
- Implemented real-time result analytics and automated grading, supporting 500+ concurrent mock tests and reducing manual evaluation time by 90%.
- Attained over 95% test coverage using Postman, ensuring robust, production-grade backend reliability.

Awards & Accomplishments

Winner – Hack the Web (Round 1), Open Source Hackathon, KNIT (2025)

Competitive Programming: CodeChef Rating 1667, Codeforces Rating 1270, LeetCode 1532

Solved 500+ DSA problems across platforms including topics like Dynamic Programming, Trees, and Graphs

EXPERIENCE

Executive Member

Feb 2025 – Present

Programming and Tech Skills Club

KNIT Sultanpur

- Spearheaded 5+ technical workshops on Git, DSA, and full-stack web development, facilitating the development of more than 100 juniors.
- Led mentorship initiatives, guiding 10+ juniors in backend architecture, deployment pipelines, and debugging.
- Co-managed 3 student-led software projects with weekly syncs, agile task tracking, and code review workflows.
- Fostered an open-source-driven engineering culture through peer collaboration and continuous learning.

Skills & Technologies

Languages: C++, TypeScript, JavaScript (ES6+), C

Backend: Node.js, Express.js, RESTful APIs, JWT

Frontend: React.js, Next.js, Tailwind CSS

Databases: PostgreSQL, MongoDB

DevOps & Cloud: AWS (EC2, S3), Cloudflare R2, Docker, CI/CD

Tools: Git, GitHub, Postman, VS Code, Linux CLI, SSH, Vite

CS Fundamentals: Data Structures, Algorithms, System Design, OOP, OS, DBMS

Soft Skills: Leadership, Collaboration, Mentorship, Communication