

Mohit Giri

Software Engineer

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TECHNICAL SKILLS

Languages: C++, Python, JavaScript, TypeScript

FrontEnd: React.js, Next.js, HTML, CSS, Tailwind CSS

BackEnd: Node.js, Express.js

Databases: PostgreSQL, MySQL, MongoDB

Tools & Technologies: AWS, Docker, Git & GitHub, REST APIs, Zod, JWT, RBAC

Concepts: Data Structures Algorithms, System Design

WORK EXPERIENCE & LEADERSHIP

Web Developer (Volunteer)

Dec 2023 – Mar 2024

Trustroot Network, Bengaluru, India

Remote

- Led the development of web platform from scratch
- Tech Stack : Django, MySQL

Web Dev Head

Nov 2024 – Sep 2025

Google Developer Groups (GDG) - Dyal Singh College

- Collaborated with core team members to establish the GDSC chapter at college.
- Planned workshops and events to introduce students to web development and Google technologies.

PROJECTS

UniCore

[Live Demo](#) — [Source Code](#)

- Tech Stack:** Next.js · TypeScript · PostgreSQL (NeonDB) · Zod · Prisma · Docker
- Engineered a multi-institution SaaS ERP with strict data isolation via subdomain/path routing and schema separation.
- Designed 10+ services for students, faculty, courses, attendance, notices, and timetables with configurable features.
- Implemented secure authentication, invitation-based onboarding, and transactional workflows using Prisma.
- Developed blockchain-backed certificate verification system using Solidity and Polygon, enabling tamper-proof academic credential validation.

DarkOPS : Fake Reviews Detector

[Source Code](#)

- Tech Stack:** RoBERTa (NLP) · Python · Flask · Selenium · Browser Extension
- Developed a browser extension that analyzes e-commerce websites for phishing risks, deceptive UI patterns, and AI-generated product content.
- Trained a RoBERTa-based NLP model to classify AI-generated and misleading reviews with 90% accuracy.
- Automated webpage scanning and UI analysis to detect hidden costs, fake urgency timers and misleading information.

nThreads

[Live Demo](#) — [Source Code](#)

- Tech Stack:** Next.js · Clerk · MongoDB · UploadThing · Zod
- Created real-time discussion platform with authentication, thread creation, and nested commenting.
- Implemented features like paginated search, profile customization, and activity notifications for improved UX.

Ballotic

[Source Code](#)

- Tech Stack:** Next.js · React.js · MySQL · Tailwind · Docker · Shadcn UI
- Designed a secure election platform with voter authentication, election management, and real-time result tracking.
- Integrated an admin dashboard with CRUD operations for managing elections, candidates, and voters, along with OTP-based 2FA authentication.

EDUCATION

University of Delhi

Sep 2022 - May 2026

Bachelors in Computer Science

Jawahar Navodaya Vidyalaya (JNV) Banswara 2

Apr 2020 - Apr 2021

High School

96.2%

ACHIEVEMENTS

- Finalist: Dark Pattern Buster Hackathon '23** by IIT BHU & Govt. of India, among 300+ teams nationwide
- Selected as **Head Boy** of Jawahar Navodaya Vidyalaya Banswara 2, recognizing outstanding leadership, academic excellence, and contributions to the school community.