

ABHINAV CHAURASIA

Full-Stack Developer | React, Django, Node.js

Lucknow, India

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EXPERIENCE

Northern Railway — Workshop Training Center

Jun 2025 – Aug 2025

Software Development Intern

Lucknow, India

- Developed full-stack trainee management portal digitizing registration, attendance tracking, and certificate generation.
- Engineered REST APIs using **Node.js**, **Express.js**, **PostgreSQL** for trainee and attendance data.
- Designed **layered backend architecture (routes, controllers, services)** for modular API development.
- Built **React.js + Material UI interfaces** for trainee dashboards and reporting tools.
- Implemented attendance tracking and automated trainee status updates.
- Built PDF certificate generation and trainee photo upload system.

PROJECTS

PeerCampus — AI-Assisted Campus Platform | [React.js](#), [Django REST Framework](#), [PostgreSQL](#)

- Built AI-assisted campus platform integrating events, forums, lost-and-found, skills marketplace, and announcements.
- Designed backend architecture with **6 Django apps and 57 REST API endpoints**.
- Implemented **JWT authentication, OTP signup, Google OAuth login, and role-based access control**.
- Integrated **GPT-4o-mini via OpenRouter API** for AI-assisted responses and event summaries.
- Developed AI-powered lost-and-found matching using **CLIP embeddings**.

CivicBridge — AI Civic Complaint Reporting Platform | [React.js](#), [Django REST Framework](#)

- Built civic complaint platform with GPS location detection and photo uploads.
- Integrated **Gemini AI** for automated complaint description generation.
- Developed authority dashboard with complaint lifecycle tracking and analytics.
- Implemented city leaderboard ranking municipalities by resolution efficiency.

SentiGenix — AI Sentiment Analysis Platform | [React.js](#), [Django](#)

- Developed sentiment analysis web app for detecting emotional tone in text.
- Implemented **VADER NLP classification with real-time sentiment feedback**.
- Integrated **DeepSeek AI APIs** for sentiment-guided text rewriting and generation.

TECHNICAL SKILLS

Languages: JavaScript, Python, SQL

Frontend: React.js, HTML, CSS, Material UI

Backend: Node.js, Express.js, Django, Django REST Framework

Databases: PostgreSQL, SQLite

Tools: Git, GitHub, Postman

Concepts: REST APIs, System Design, Full-Stack Development

EDUCATION

University of Lucknow

Expected Graduation: 2026

B.Tech — Computer Science

Lucknow, India

COURSEWORK / SKILLS

- Data Structures
- Operating Systems
- Computer Networks
- Algorithms
- DBMS

CERTIFICATIONS

- Microsoft Certified: Azure AI Fundamentals

EXTRACURRICULAR

GeeksforGeeks

Campus Ambassador

- Organized coding awareness and developer community initiatives.

Lucknow, India