

Raghav Mishra

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Profile Summary

Final-year CS student with production-grade full-stack experience across internships at Newrise Technosys and BHEL, alongside AI-powered web applications built with FastAPI, Django, React, and Next.js. CGPA 8.25. Interested in Full-Stack Development, Backend Engineering, and AI Engineering roles.

Experience

Full Stack Developer Intern

Newrise Technosys Pvt. Ltd. | July 2026 – Present

- Completed the Project Management module for a production-grade Multi-Tenant Payroll & HR Management System using FastAPI, SQLAlchemy, React, TypeScript, and MySQL
- Developed and integrated REST APIs and responsive React interfaces for project, client, milestone, and task management, with role-based access control
- Redesigned a client's cafe website end-to-end, revamping the frontend UI/UX and integrating the existing backend using Next.js, React, TypeScript, and modern responsive design

Industrial Trainee, DTG Department

Bharat Heavy Electricals Ltd. (BHEL), Bhopal | June 2026

- Developed BHEL Connect, an internal employee marketplace and group-buying platform using Django REST Framework, React 18+, PostgreSQL, and Redis — deployed on Vercel and Render

Technical Skills

- Languages:** C++, Python, JavaScript, TypeScript, SQL
- Backend:** FastAPI, SQLAlchemy, Django, Django REST Framework, Node.js, Express.js
- Frontend:** React.js, Next.js, TailwindCSS, Redux, HTML5, CSS3
- Databases:** PostgreSQL, MongoDB, MySQL
- Generative AI & ML:** LLM Integration, Prompt Engineering, AI Image Generation, ML Pipelines, scikit-learn
- Tools & Platforms:** Git, Docker, Vercel, Railway, Cloudinary, Postman
- Problem Solving:** 500+ DSA problems solved across LeetCode, Code360, and GeeksforGeeks
- Salesforce:** Apex, Lightning Web Components

Projects

AdVision – Multi-Modal Generative AI Advertising Platform

GitHub | Live Demo

- Built a multi-modal Generative AI platform generating ad copy via LLM integration (DeepSeek V3) and marketing visuals via AI image generation (Stability AI, Pollinations AI) for Instagram, Facebook, LinkedIn, TikTok, and YouTube.
- Architected Django REST API with PostgreSQL featuring JWT auth, OAuth 2.0 Google sign-in, Fernet-encrypted API keys, and Cloudinary CDN; built an analytics dashboard with campaign tracking, A/B testing, and a scikit-learn ML pipeline for performance forecasting
- Tech Stack:** Django, PostgreSQL, React.js, scikit-learn, Cloudinary, DeepSeek V3, Stability AI, Pollinations AI, TailwindCSS, Recharts

Get Me A Chai – AI-Powered Creator Monetization Platform

GitHub | Live Demo

- Built a Next.js 15 crowdfunding platform with a 200-frame Canvas API scrollytelling landing page, custom smooth scrolling (Lenis), and 10+ Server Action modules with role-based auth (NextAuth.js), Zod validation, and webhook signature verification
- Engineered Generative AI features via OpenRouter API (contextual chatbot, personalized recommendation feed, 7-step prompt-driven campaign wizard); built real-time notifications via Razorpay webhooks and a creator analytics dashboard with Chart.js and automated PDF/CSV exports
- Tech Stack:** Next.js 15, React, MongoDB, Razorpay, NextAuth.js, OpenRouter API, HTML5 Canvas, Lenis, Nodemailer, TailwindCSS, Zod, Recharts

Certifications

- AWS:** Generative AI Foundations
- Google for Developers:** AI-ML Virtual Internship (10-week program via EduSkills)
- Salesforce:** Agentforce Specialist, Platform Developer 1
- GeeksForGeeks:** GfG 160 - 160 Days of Problem Solving

Education

B.Tech in Computer Science Engineering | LNCT University, Bhopal

2023 – 2027

CGPA: 8.25/10.0

Leadership & Achievements

Vice President, E-Cell

LNCT University | 2024 - 2025

- Organized startup competitions and connected 15+ student founders with industry mentors across 200+ participants