

Harshit Singh

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LinkedIn | GitHub | Portfolio

Summary

Full-stack developer with expertise in AI integration, MERN stack, and transformer architectures. Proven ability to design cost-efficient systems, deliver production-ready applications, and build scalable academic and commercial software solutions.

Education

K.R. Mangalam University

2024–2028 (Exp.)

B.Tech in Computer Science & Engineering

Relevant Coursework: Machine Learning, Neural Networks

Delhi Public School, Gurgaon

2017–2023

CBSE Board

Projects

ProjexaLMS – University Project Lifecycle System

June 2024 – May 2025

Paid Internship | Flask | MongoDB | Redis | JWT | pandas | reportlab | PostHog

- Co-developed 50% of a large-scale LMS used by 1000+ students for semester project tracking.
- Built core backend logic including authentication (JWT), server-side sessions (Redis), and secure role-based access.
- Implemented automated Excel and PDF generation pipelines using pandas, openpyxl, and reportlab.
- Designed scalable APIs enabling mentor allocation, project submissions, evaluations, and progress tracking.
- Added analytics instrumentation via PostHog to provide administrators with real-time insights.

EdTech Informative – Dynamic Website & Lead Management

2024

Paid Project | MERN Stack | Razorpay | PayPal | VPS Deployment

- Sole developer for a fully dynamic EdTech website with complete admin panel and CMS.
- Built lead management system enabling efficient client tracking and follow-ups.
- Integrated Razorpay and PayPal for secure multi-gateway payment processing.
- Deployed production system on VPS with optimized backend and secured API architecture.

College of Fishery, Jabalpur – Official Dynamic Website

2024

Paid Project | MERN Stack | Admin CMS

- Developed complete college website with fully dynamic content managed through a custom admin panel.
- Designed a robust CMS allowing admins to edit pages, media, announcements, and departmental data.
- Implemented secure backend APIs, responsive UI, and scalable database schema.

Technical Skills

- AI/ML:** Transformers, LLM Fine-Tuning, Qwen Models, PyTorch
- Languages:** Python, JavaScript, HTML5/CSS3
- Frontend:** React, Tailwind CSS, Responsive Design
- Backend:** Node.js, Express.js, Flask, REST APIs
- Databases:** MongoDB, Redis, Firebase
- Tools:** Git, Jupyter, WebSockets, Chrome DevTools