


KUSHAGRA GUPTA

BTech CSE'26 Student | AI Specialization

 Portfolio

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 Jaipur, India

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 github.com/SpyBeast07

 /spybeast

EDUCATION

July 2025- Ongoing	BTECH, COMPUTER SCIENCE IIIT Hyderabad Semester Exchange Student For Semester 7
August- Dec. 2023	BTECH, COMPUTER SCIENCE IIT Gandhinagar Semester Exchange Student For Semester 3
2026	B.TECH - CSE (AI Specialization) JK Lakshmi pat University Jaipur 7.6 CGPA

TECHNICAL SKILLS

Programming	Java, C++, Python
Frameworks/Tools	MERN Stack, Cypress, NumPy, pandas, matplotlib, PyTorch, Git, Docker, LaTeX
Concepts	DSA, OOP, Machine Learning, Deep Learning, Statistical Analysis
Soft Skills	Communication, Team Management, Coordination, Analytical Problem-Solving

EXPERIENCE

May 2025 - July 2025	Full Stack Developer Intern at Dobby Ads Engineered and deployed 2 MERN-based web applications, enhancing client workflow efficiency. Designed and automated 30+ Cypress test cases, reducing post-release bugs by 25% and regression testing time by 40%, demonstrating ownership of the solution lifecycle. Created real-time monitoring dashboards in Prometheus and Grafana, enabling API performance tracking and reducing incident resolution time by 20%. MERN, Cypress, Prometheus, Grafana
May 2024 - July 2024	Android Development Intern at Vedic Bodhi Pvt. Ltd. Implemented secure user authentication using Firebase and integrated REST APIs to fetch real-time data, improving application responsiveness. Kotlin, Android Studio

PROJECTS

2025	Vehicle Number plate detection and recognition using custom CNN and EasyOCR Designed a CNN architecture for plate detection, experimenting with 5+ variations to optimize accuracy and speed. Deep Learning
2025	Comparative Analysis and Sustainable Solutions for E-Waste Management in Emerging and Developed Economic Countries Analyzed 15+ datasets from emerging and developing economies; proposed scalable waste reduction strategies proposing sustainable and scalable solutions in a academic reports. Python, Statistics
2025	Enhanced Malware Detection using AI (Ongoing Research Paper) Engineered an AI-based malware classifier achieving 90%+ detection accuracy in controlled lab tests. Analyzed network packets for malware patterns and built predictive models for early threat identification. Python, Wireshark, Docker, and SEED Lab
2025	Spardha - College Sports Fest Website Collaborated with a team of 3 to develop the official Spardha website. Built responsive UI with 5+ interactive features; deployed via Vercel on the college's domain with optimized load time under 2s. HTML, CSS, JS
December 2022	Data Analysis using python Modeled renewable energy adoption trends in India on SDG goal 7 (Clean and affordable energy) data, generating insights used in 1 university research presentation. Statistics, Python, Machine Learning

EXTRA-CURRICULAR

	Hackathon Event
March 2025	• HackJKLU4.0: Urban Shield Police Patrolling Optimization System Machine Learning, Clustering, A* Algorithm, Pandas, Scikit-learn, HTML
March 2024	• HackJKLU3.0: Music Web Application Web2
April 2023	• HackJKLU2.0: RenPy Visual Novel Engine Story based game Python (Flet), Renpy

CERTIFICATES AND ACHIEVEMENTS

July 2023	Alpha (DSA with Java) - Apna College Completed 200+ DSA problems and implemented optimized solutions for competitive programming. DSA
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