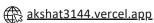
AKSHAT GUPTA

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Github





— EDUCATION —		
Plaksha University, Mohali	9.00 CGPA	2027
Gurukul Global School, Chandigarh	93.8%	2023
Gurukul Global School, Chandigarh	93.8%	2021
	Plaksha University, Mohali Gurukul Global School, Chandigarh	Gurukul Global School, Chandigarh 93.8%

-WORK EXPERIENCE-

Research Associate | *University of Missouri Trulaske College of Business*

July 2025 - Present

- Working on a research project exploring behavioral responses and algorithmic fairness under Professor Anuj Kapoor.
- · Utilizing proprietary data from a fintech application to conduct analysis, extract insights, and inform decision-making.

SWE Intern | *Bharti Airtel Foundation*

June 2025 - August 2025

- Developed a Bug Tracking Helper Tool using FastAPI, React, and PostgreSQL to streamline bug management for TheTeacherApp.
- Automated bug detection and classification using an AI agent on CSV support dumps, significantly boosting accuracy & efficiency.
- Designed admin and assignee dashboards with **role-based access control** to ensure efficient bug management and resolution.

Web Developer | LD Enterprises

October 2024 - November 2024

- · Built and deployed the official company website using Next.js and MongoDB in under 30 days.
- Enhanced online visibility and engagement through effective SEO strategies, resulting in a 65% increase in traffic within a month.

PROJECTS -

InstaStay (Next.js, TypeScript, Tailwind CSS, Sanity, PhonePe API, Cron jobs, OAuth)

May 2025 - June 2025

- Built a full-stack hotel booking platform with real-time room availability, dynamic pricing, and PhonePe payment integration.
- Implemented guest features like filtered room browsing, cart-based booking, user authentication, and review system.
- Developed an admin dashboard using Sanity CMS to manage rooms, pricing, availability, and booking analytics.
- Enabled automated room availability updates post-checkout using Node-Cron and set up refund processing for cancellations.

StormShield (Python, ML, Data Science, Time Series, NLP, LSTM, RF, XGBoost, LightGBM)

March 2025 - April 2025

- Designed a severity-aware ML pipeline to predict storm-induced power outages using NOAA, EAGLE-I, and PRISM data.
- Engineered lagged temporal features, implemented one-to-one and many-to-one forecasting to capture storm-outage patterns.
- Achieved F1-scores up to 0.98 across severity-specific models with an overall pipeline score of 0.85.
- Automated preprocessing, NLP-based feature extraction, and hyperparameter tuning using Optuna.

InkQuiry (FARM stack, TypeScript, Tailwind CSS, JWT, LLM)

December 2024

- Made an Al-powered drawing app that interprets sketches to solve problems, recognize objects, and creative responses.
- Developed a real-time drawing canvas with variable handling, notebook saving, and JWT-secured user authentication.
- Integrated AI interpretation for dynamic use cases like math/physics solving, flag detection, and diagram analysis.

-POSITIONS OF RESPONSIBILITY—

Co-Founder | Drift AI

June 2025 - Present

- Founded an Agentic Al agency that designs and deploys autonomous workflows to streamline business operations.
- Built and launched the official website to showcase our service offerings, integrations, and strategic value proposition.
- Designing custom AI agents for sales, marketing, and internal ops to reduce clients' repetitive manual workloads.
- Led outreach and marketing to drive client acquisition, build brand presence, and communicate value effectively.

Founding President | Geek Room Plaksha

September 2024 - Present

- Established the club to promote coding and technology on campus; currently leading a team of 20+ members.
- Organized 9+ tech events and workshops with a total turnout of over 500 students.
- Hosted Hack Summit, the biggest inter-college hackathon of Plaksha University with 270+ participants across the country.
- Created and managing the website showcasing events, projects, and milestones.

-SKILLS-

- Expertise & Tools: AI/ML, Data Science, DSA, OOPS, DBMS, CN, RESTful APIs, AI Automation, Git, Docker, Postman, AWS
- Programming Languages & Databases: Python, C++, JavaScript, SQL (PostgreSQL, MySQL, SQLite), MongoDB
- Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Flask, FastAPI, TensorFlow, Keras, PyTorch, OpenCV
- Certifications: Machine Learning Specialization (Coursera), Full Stack Development (Udemy), DSA (PW Skills)

-ACHIEVEMENTS-

- Dean's List Awardee: Recognized among the top 7 students of the batch for outstanding academic performance.
- UN Millennium Fellow: Selected among the top 5% for my project 'AIEntrepreNova' out of 52,000+ applicants across 119 nations.
- Hack Plaksha Winner: Secured 1st prize in the EdTech track outperforming 12 competing teams.
- Bharti Scholar: Awarded a Full-Ride Scholarship valued at approximately \$45,000, one of only 200 recipients nationwide.