

# Gantavya Bansal

Open to relocation — Full-Stack & AI Software Engineer — Automation & Scalable Systems Developer — Business Intelligence  
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## Summary

Results-driven B.Tech CSE student with hands-on experience in web development, data analytics and financial technology. Proven track record of building scalable, cloud-native, and automation-driven software systems. Experienced in Quantitative Analysis and Business Intelligence (Power BI, Excel) for data-driven decision-making and process optimization. Delivered production-ready solutions across intelligent systems, financial automation tools, and immersive web platforms, integrating Agile methodologies, prompt engineering, and cybersecurity best practices. Adept at cross-functional collaboration and translating complex business requirements into impactful technical solutions. Passionate about applied AI for financial engineering and intelligent automation.

## Education

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| <b>GLA University, Mathura, India</b> | Expected May 2027 |
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B.Tech in Computer Science and Engineering

**Concepts:** Data Structures and Algorithms (DSA), Object-Oriented Programming solutions (OOPs), Operating Systems, Machine Learning, Quant, RESTful APIs, WebSocket, SOLID, Agile, SEO, Data Analysis, Microservices, System Design, CI/CD

**Certifications:** Google - Generative AI Studio, NPTEL - Software Engineering (IIT Madras), DeepLearning.ai - Prompt Engineering, SimpliLearn - Cybersecurity Fundamentals, Postman - API Expert, Scrum Fundamentals Certified, SAP - Knowledge Graphs for AI Agents

## Technical Skills

**Languages:** C, Java, Python, TypeScript, JavaScript, SQL (Structured Query Language)

**Web:** HTML5, CSS3, React.js, Redux, Next.js, Nest.js, Node.js, Express.js, Spring Boot, Render, AWS

**Libraries:** Pandas, NumPy, devDocs, Scikit-learn

**Databases:** MySQL, PostgreSQL, MongoDB, Redis

**Tools:** Git, Postman, Power BI, Figma, Spark, Selenium, Linux, Bash

## Experience

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| <b>Full-stack Software Engineer(Trainee) - Devslane</b> | April 2025 – Present |
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Worked on modules with react.js, AdonisJS, redux & storybook, developed and deployed a full-stack solutions.

- Built storybook of user centric UI providing ease in maintaining uniform theme across deployment.
- Selected among 1000+ applicants in 2nd year, did +200 hours of training, now contributing as Intern.

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| <b>Coding Mentor M3 - Let's Unbound</b> | Oct 2024 – Present |
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- Mentored U.S. students in AP Computer Science (Java) to strengthen problem solving and college readiness.
- Delivered 200+ hours of live computational thinking sessions covering Python, Web Development, Gen AI & Agents.
- Guided students to design 10+ user-centric projects improving everyday automation tasks.

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| <b>Full-Stack Development Intern - Promptly AI</b> | May 2025 – Jun 2025 |
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- Collaborated with 6-member team on **Vidhi 7.0**, production ready Legal AI, 40% faster content retrieval using RAG.
- Migrated core systems, redesigned user interface with Next.js, Nest.js and PostgreSQL for scalability & optimizations.
- Resolved authentication bottlenecks via clerk integration cutting login errors and onboarding time by 50%.

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| <b>Full-Stack Developer &amp; Project Lead (EWYL) - GLA University</b> | Sep 2024 – Jan 2025 |
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- Led 4-member team to develop a VR enabled platform digitizing 30+ cultural site visuals around Braj region.
- Work recognized by cultural stakeholders and university leadership, got 50k grant and access to university data center.
- Upgraded Information Science archives with Invenio RDM and subcommunity support, deployed on university servers.

## Projects

### TradeItUp – Algorithmic Investment Strategy

- Built and backtested trading strategy over 20 years achieving ~15x stable returns (vs. 12x Nifty 50 vs. 8x Gold).
- Automated trade execution & risk management; booked +10.2% profit in 30-day live market amid high volatility.

### devDocs – pypi.org/project/devDocs

- Programmed AI-powered documentation builder using Gemini LLM, Optimized recursive API handling (80 req/min).
- Published as a PyPI package for global access(100+ installs), served as a CLI tool, and extremely customizable.

### MeroBraj.org – views.merobraj.org

- Developed and funded a community platform for holistic development of cultural orgs and small businesses in Braj.
- Integrated guide, Virtual Museum, property exchange, and NRI forum for global accessibility and collaboration.

## Extracurricular

Head of Team Editorial at Dept. Alumni Affairs provides content and alumni engagement strategies.

Assisted in the development of a centralized portal for Glance Job Fair (1.0 & 2.0) that impacted over 5,000 students.

Top 1% in Odoo's 36-hour Combat Hackathon 2024 among 2,500+ participants; built a diet recommendation system.

Organized 10+ hackathons in a year, recognized for academic benefits, engaged 10,000+ students.

Selected for research visit at ARIES (Aryabhatta Research Institute of Observational Sciences), Nainital.

Interests — Building meaningful relationships, Fitness, Self-improvement, Food, Traveling, Exploring global cultures.