

Gantavya Bansal

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Summary

Computer Science engineer in training with proven expertise in full-stack development, AI-driven solutions, and scalable system design. Experienced in leading end-to-end product development, mentoring, and delivering measurable impact across EdTech, legal AI, and cultural tech initiatives.

Education

GLA University, Mathura, India

May 2027 (expected)

Bachelor of Technology (B.Tech) in Computer Science and Engineering

Core Concepts: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Operating Systems, REST APIs, WebSockets, SOLID Principles, Agile Development, SEO, Data Analysis.

Skills

Programming Languages: C, Java, Python, TypeScript, JavaScript, SQL

Frameworks/Libraries: React.js, Next.js, Nest.js, Node.js, Express.js

Databases: MySQL, PostgreSQL, MongoDB

Tools: Git, GitHub, Postman, Power BI, Figma, Spark, Selenium, Cisco Packet Tracer, Linux (Debian)

Certifications: Google - [Generative AI Studio](#) | NPTEL - [Software Engineering](#) | DeepLearning.ai - [Prompt Engineering for Developers](#) | SimpliLearn - [Cybersecurity Fundamentals](#) | Postman - [API Student Expert](#) | ScrumStudy - [Scrum Fundamentals Certified](#)

Experience

M3 Coding Mentor - Let's Unbound

Oct 2024 – Present

- Delivered 100+ hours of live coding sessions, teaching computational thinking and building problem solving skills
- Mentored students in AP Computer Science (Java) and Full-Stack Web Development, improving coding proficiency and college readiness.
- Guided a student through a 2-year Python curriculum, enabling mastery in applied projects.

Full-Stack Web Developer Intern - Promptly AI

May 2025 – June 2025

- Engineered Vidhi 7.0, a Legal AI assistant with production-ready features for legal issue resolution.
- Redesigned and migrated core systems to Next.js, Nest.js, and PostgreSQL, for scalability, enhanced performance and reducing auth-related bugs.
- Built an AI tools dashboard to efficiently organize 250+ AI applications for usability.

Full-Stack Developer (EWYL) - GLA University

Sep 2024 – Jan 2025

- Implemented interactive web & 3D features using React.js and Three.js, ensuring a seamless user experience.
- Built a serverless VR interface, showcasing 100+ mapped cultural sites of the Braj region through immersive storytelling and virtual tourism.
- Owned ~80% of development work, achieving recognition from university leadership and cultural stakeholders.

Projects

TradeItUp - Investment Algorithm | [link](#)

- Analyzed and backtested my trading algorithm across 20+ years of market data leveraging gold and Nifty 50 index.
- Achieved ~15x stable returns (vs. 8x in gold & 12x in Nifty 50) while successfully navigating major market crises.
- Automated trade execution via integration, recorded +10.2% profit in 30-day live test amid high volatility & tariff tensions.

MeroBraj.org | www.merobraj.org

- Developed a community platform to promote Bhagavad Gita's teachings and Braj heritage.
- Integrated gyroscope-based navigation and optimized lazy loading to enhance engagement, global accessibility and site preservation.

devDocs | pypi.org/project/devDocs

- Devised an AI powered package to build project documentation in minutes, reducing manual effort for internal teams.
- Optimized request handling to support up to 80 API calls/min to recursively index codebases; wrapped in PyPI distribution for easy adoption .

Extracurriculars

- Selected for a research visit to ARIES (Aryabhatta Research Institute of Observational Sciences, Nainital).
- Ranked in the Top 1% out of 2500+ teams in Odoo's 36-hour Combat Hackathon with NutriNudge, personalized diet recommender.

Leadership role : Head of Team Editorial | Alumni Association

- Administered content strategy for newsletters and alumni-student engagement initiatives.
- Coordinated as Liaison Officer and tech member during Glance Job Fair(1.0&2.0) impacting 5000+ applicants.