

Gantavya Bansal

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SUMMARY

Full-stack engineer and open-source author with 1+ year of production experience shipping React/TypeScript and Node/AdonisJS systems for enterprise clients. Built and published AI developer tools with 5k+ installs across npm and PyPI, led a heritage-tech platform to acquisition, and mentored U.S. students through 500+ hours of live instruction. Focused on LLM tooling, agentic systems, and distributed architecture.

EDUCATION

GLA University, Mathura — B.Tech, Computer Science and Engineering 2023 - 2027
Coursework: Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks, OOP, Machine Learning

TECHNICAL SKILLS

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

Frontend & Mobile: React.js, Next.js, Redux-Saga, HTML/CSS, cross-platform mobile

Backend & Data: Node.js, Express.js, AdonisJS, REST, GraphQL, WebSockets, MongoDB, MySQL, PostgreSQL

AI/ML & DevOps: LLM integration (Gemini), RAG pipelines, agentic workflows, AWS, Docker, Linux, Git, CI/CD

EXPERIENCE

Software Engineer, Devslane June 2025 - Present

- Shipped production features across 2 long-term client projects, working end to end on React/TypeScript frontends and AdonisJS backends.
- Owned the client onboarding module of a live enterprise ERP system, from API design through UI and release.
- Built cross-platform mobile apps from a single codebase, delivering iOS and Android from one stack instead of two.
- Prototyped a payment gateway integration whose approach was approved for production rollout.
- Delivered in agile sprints with code reviews and direct client requirement calls in a fast-paced startup.

Coding Mentor, Let's Unbound Aug 2024 - Aug 2026

- Delivered 500+ hours of live Java and Python instruction to U.S. AP Computer Science students over 2 years.
- Designed project-based learning paths pairing AP exam prep with real coding projects.
- Extended the curriculum into generative AI and web development; guided students to ship working projects.

PROJECTS

devDocs | Python, LLMs, PyPI pypi.org/project/devDocs

- Built an LLM-powered CLI that recursively indexes entire codebases and auto-generates structured documentation.
- Reached 4.5k+ installs a year on PyPI; adopted by engineering teams to speed up developer onboarding.

stuti.ai | Python, LLMs, Debian/Linux github.com/bgantavya/stuti.ai

- Built an agentic assistant that converts natural-language commands into multi-step Linux actions; packaged as a .deb for one-command install.

Virtual Braj Museum | Next.js, Express.js, MongoDB, GraphQL merobraj.org

- Digitally preserved 100+ Braj heritage sites in an immersive 3D platform with gyroscope navigation; platform was later acquired.
- Designed a multi-role GraphQL API and CDN-backed lazy loading to serve heavy 3D media at scale.

Trade It Up | Python, WebSockets, Zerodha API, NSE In progress

- Building an end-to-end trading pipeline: TradingView signals, Python backtests on 20+ years of NSE data, and live Zerodha execution over WebSockets.
- Implemented automated position sizing and risk limits for reproducible research and live deployment.

ACHIEVEMENTS & LEADERSHIP

- Ranked in the top 1% globally at Odoo Combat Hackathon 2024, one of the world's largest open-source ERP competitions.
- Selected for a research visit to ARIES, a national observatory, to work on instrument-control software.
- Maintain 60+ public repositories and open-source packages on npm and PyPI with 5k+ combined installs.
- Led the Alumni Association's job fair portal as Head of Editorial, serving 5,000+ students; secured institutional grants for student-led technical projects.