

Gantavya Bansal

Full-Stack Developer | AP CS Mentor | CyberSecurity Enthusiast | 021

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Professional Summary

Computer Science undergraduate with a strong foundation in full-stack development, API integration, and cybersecurity. Experienced in mentoring U.S. high school students in AP Computer Science and leading the development of scalable web applications like MeroBraj.org. Actively seeking remote freelance or internship opportunities to contribute to innovative and impactful tech teams.

Education

GLA University, Mathura, India <i>Bachelor of Technology (B.Tech) in Computer Science and Engineering</i>	May 2027 (expected)
AVMD Institute, Agra, India <i>Senior-Secondary Education</i> CBSE Board	April 2023
St. Francis Convent School, Agra <i>High School Education</i> CBSE Board	March 2021

Skills & Certifications

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

Web Development & Databases: HTML, CSS, React.js, MySQL, PostgreSQL, MongoDB, WordPress.

Tools: Git, GitHub, VS Code, Postman, Selenium, Figma, Generative AI, Power BI, MS Office, Cisco Packet Tracer

Core Concepts: Version Control, OOPs, DSA, SOLID Principles, Agile, WebSockets, API Integrations, SEO, Data Analysis

Certified - Postman API Student Expert

| Meta Certified - Front-End Web Developer

Google - Certified in Gen AI Studio

| DeepLearning.ai - Prompt Engineering for developers

SimpliLearn - Certified CyberSecurity Beginner

Work Experience

M3 Coding Mentor Let's Unbound	Aug 2024 – Present
<ul style="list-style-type: none">Mentoring U.S. high-schoolers for AP Computer Science with a 90%+ success rate, completing 100+ teaching hours.Taught computational thinking and problem-solving skills to students worldwide.Detected and reported a critical website vulnerability, enhancing platform data security.	
Full-Stack Developer Virtual Braj Museum (GLA University)	Sep 2024 – Dec 2024
<ul style="list-style-type: none">Built a responsive interface to promote global virtual tourism and storytelling.Created and deployed an online marketplace (E-Bazar) to support local businesses.Developed a <u>VR-enabled web app</u> to showcase 50+ cultural and spiritual sites of Braj.	

Key Projects

MeroBraj.org | merobraj.org/braj

- Currently building a Gen-AI-based community platform promoting spiritual teachings from the Bhagavad Gita.
- Implemented with Express.js and React.js; integrated gyroscope-based navigation and Braj region maps with optimized performance using lazy loading.

StyleSync | bgantavya.github.io/StyleSync

- Developed a simple algorithm to assist users with outfit styling and self-expression, based on personality.
- Programmed static website using HTML, CSS, and JavaScript deployed on Github.

FireWatch AI

- Modeled a machine learning system to detect and analyze fire incidents via video data.
- Trained on custom datasets, achieving 68% accuracy in classifying fire severity and suggesting safety measures.

Achievements & Responsibilities

- Placed 3rd in Hack-D-Py, a 3-hour coding challenge hosted by GLA University.
- Honored with a research visit to ARIES (Aryabhata Research Institute of Observational Sciences)
- Secured recognition as Top 10% in Odoo's 36-hour Combat Hackathon among 2500+ teams with NutriNudge, a personalized diet recommender.

Head of Team Editorial | Alumni Association

- Led content strategy for alumni newsletters and engagement initiatives.
- Served as Liaison Officer and tech member during Glance Job Fair(1.0&2.0) providing opportunities to 5000+ applicants.

Technical Team | Abacus Society

- Organized 10+ DSA-a-thon events, impacting 8000+ students and promoting competitive coding.