Tanisha Bansal

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Education

Guru Gobind Singh Indraprastha University   2021 – 2025
Bachelor of Technology in Information Technology   ***CGPA:** 9.44/10*

Dev Samaj Modern School   2020
Higher Secondary Education (Science Stream)   ***Percentage:** 91%*

Professional Experience

Software Developer Intern   Nov 2024 – Present
PHICSIT Pvt Ltd, New Delhi, India

- Led end-to-end development of the **Geek Clash platform** focusing on robust object-oriented design and efficient data models, resulting in a 30% increase in reliability and a 20% boost in performance.
- Worked on technical documentation and peer code reviews to ensure adherence to software design principles, contributing to maintainable and scalable codebases.

Intern   July 2024 – Nov 2024
GeeksforGeeks, Noida, India

- **Designed and optimized algorithmic solutions** to enhance computational efficiency and scalability.
- **Reviewed and optimized complex code submissions**, ensuring adherence to industry best practices.
- Collaborated with a team to **refine problem-solving approaches**, driving engagement on the platform.

SDE Intern   Jul 2024 – Aug 2024
iMarketVend, New Delhi, India

- **Optimized code performance** by resolving critical errors and refining data structures, leading to a 50% improvement in system efficiency.
- Designed and implemented **REST APIs** and complex business logic, ensuring high throughput and scalability.
- Enhanced **cross-browser compatibility** and responsiveness of user interfaces, increasing user satisfaction by 40%.

Technical Skills

Programming Languages: C++, Python,JavaScript (ES6+),
Full-Stack Development: React.js, Next.js, Node.js, Express.js, MongoDB, PostgreSQL
Backend & API Development: RESTful APIs, FastAPI, Flask, WebSockets
Cloud & DevOps: AWS (EC2, Lambda, S3), Firebase, Docker, CI/CD Pipelines
Machine Learning: Data Analysis, Deep Learning, Computer Vision, GENAI
Tools & Workflow: Git, GitHub, Tailwind CSS

Projects

ContestPulse | *GitHub* | *Deployed*

- **Developed a full-stack contest tracking web application** using the **MERN stack**, integrating real-time contest data from **Codeforces, CodeChef, and LeetCode**.
- **Implemented efficient filtering and bookmarking features** with a **responsive UI** using **Tailwind CSS**, enhancing user experience and increasing **user retention by 30%**.

BeautyBuzz | *GitHub* | *Deployed*

- **Created a real-time virtual makeup tool** leveraging **deep learning (CNNs)** and **OpenCV**, showcasing expertise in **computer vision** and **scalable model deployment**.
- **Developed an interactive and user-friendly Streamlit interface** with **personalized recommendations** based on **occasion and budget**, boosting **user engagement by 30%**.

Leadership & Achievements

- **Code-Blooded 3.0 Coding Competition** – **Runner-up** among **500+** participants.
- **GDSC Hackathon** – **1st Position** for **innovative solution design**.
- **AWS Community Builder** & **AWS AI/ML Scholarship Awardee** – Recognized for contributions to **AI innovations** in high-impact projects.