

ANSHIKA

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SUMMARY

Computer Science student skilled in Python, SQL, machine learning, and full-stack development. Built AI-powered and real-time applications using Flask, Node.js, and modern APIs. Seeking an SDE internship to develop scalable systems and solve real-world engineering problems through clean, efficient code.

EDUCATION

Bachelor of Technology in Computer Science & Engineering (Data Science) — 2023–2027

Pranveer Singh Institute of Technology, Kanpur – CGPA: 8.81

Relevant Coursework: Data Structures & Algorithms, Machine Learning, DBMS, Statistical Analysis, Big Data Analytics, OS, Cloud Computing, Computer Networks etc.

Senior Secondary Education (Class XII) — 2020–2022

Sughar Singh Academy – 77%

Secondary Education (Class X) — 2018–20

Mary Jesus Education Centre – 93.6%

TECHNICAL SKILLS

- **Languages:** C++, Python, JavaScript, Go, SQL, Java.
- **Data Science:** Pandas, Scikit-learn, NumPy, Matplotlib, TensorFlow, Seaborn.
- **Web Development:** HTML5, CSS3, React.js, Node.js, Express.js, Locomotive.js, RESTful APIs.
- **Databases:** MySQL, SQLite, Oracle.

PROJECTS

Covers-AI [GitHub Link]

Technologies Used: Python, Flask, Google Gemini API, JavaScript, HTML/CSS, Render.

- Built a multi-tool AI assistant with intelligent Gemini-powered prompt routing that improved response accuracy by 30% and reduced user query handling time by 40%.
- Designed a responsive UI and deployed the complete Flask application on Render, achieving 100% uptime availability and 25% faster API response through backend optimization.

Collaborative-Whiteboard [GitHub Link]

Technologies Used: Node.js, Express, Socket.IO, JavaScript, HTML Canvas (ngrok for tunnelling).

- Engineered a real-time, multi-user drawing app with Socket.IO, supporting 20+ concurrent users with sub-150ms latency, ensuring smooth and synchronized canvas interactions.

Engineer's Toolkit [GitHub Link]

Technologies Used: JavaScript, React.js, Node.js, Express.js, Locomotive.js, Git, GitHub.

- Built a 5-tool productivity platform (Scientific Calculator, Matrix Solver, Sorting Visualizer, Graph Plotter, Typing Test) used to improve task efficiency by 95%, with 30% faster load times through JS optimization.

ACHIEVEMENTS & CERTIFICATIONS

- **Data Structures and Algorithms** — Achieved LeetCode Guardian Badge by solving 700+ DSA problems with consistent accuracy and progression.
- **Full Stack Development** — Completed 6 IBM certifications spanning front-end (HTML/CSS/JS), backend development, responsive UI design, interactive front-end engineering, database integration, and full-cycle testing & deployment.
- **SQL** — Earned the HackerRank SQL (Intermediate) Certification demonstrating strong database querying skills.
- **Database** — Oracle Certified Professional: Autonomous Database Cloud (2025), validating enterprise-level cloud database proficiency.
- **Cloud** — AWS Cloud Essentials Training Badge (AWS Training & Certification).