SANKET KURVE

Nagpur, Maharashtra, India

sanketkurve.2005@gmail.com · +91 87998 39743 · LinkedIn · GitHub

Results-oriented Computer Science undergraduate (2027 Batch) with a strong foundation in Python, SQL, and Web Development. Passionate about building efficient backend logic and scalable data solutions. Eager to join a dynamic software engineering team to contribute to real-world projects while leveraging strong problem-solving skills and a commitment to continuous learning.

EDUCATION

S B Jain Institute of Technology **2023 – 2027**
B.Tech in Computer Science & Engineering (CGPA: 8.3/10) *Nagpur, India*

- **Key Coursework:** Database Management Systems (SQL), Data Structures (Python), OOP, Full-Stack.

Vishwas Junior College **2021 – 2023**
Higher Secondary Certificate (HSC) *Nagpur, India*

TECHNICAL SKILLS

- **Languages:** Python, SQL, Java, C, JavaScript.
- **Web & Frameworks:** Django, React, Node.js.
- **Data & Analysis:** Pandas, Scikit-learn, OpenCV, Git, GitHub.
- **Soft Skills:** Communication, Problem Solving, Adaptability, Team Collaboration.

EXPERIENCE

Infosys SpringBoard **Oct 2025 – Dec 2025**
Intern (Virtual) *Remote*

- Architected a hybrid machine learning engine utilizing Python scripts to process over 900,000 records.
- Optimized backend data retrieval and SQL queries to reduce real-time inference latency to 45ms.
- Gained exposure to professional software development lifecycles (SDLC) and system documentation.

Micronet **Jan 2025 – Mar 2025**
Software Engineering Intern *Remote*

- Engineered a multi-disease diagnostic platform integrating 5 specialized ML models for clinical prediction.
- Wrote efficient Python logic for data preprocessing, improving data ingestion speed by 30%.
- Collaborated with the team to define system requirements and performed testing to ensure accuracy.

PROJECTS

AI Medical Diagnosis System *Python, SQL, Machine Learning*

- Developed a predictive analysis tool using Python (SVM & Random Forest) to evaluate 22+ health parameters.
- Designed the database schema to store patient inputs and implemented logic for probability scoring.
- Created a functional interface to visualize diagnosis results, focusing on data accuracy.

ShieldCall *Python, Fraud Detection Algorithm*

- Built a standalone fraud detection mechanism using Python to identify suspicious voice patterns.
- Implemented real-time data processing logic to flag and block potential fraudulent activities effectively.
- Optimized algorithm efficiency to ensure immediate response times for user security.

CityWatch *Python, React, Data Management*

- Designed a crime-prevention platform focusing on data safety, user reporting, and alert management.
- Managed the backend data flow using Python to efficiently store and retrieve safety alerts.
- Integrated a user-friendly frontend with the data layer to ensure seamless reporting.

CERTIFICATIONS & AWARDS

- **Data & AI:** Data Science for Engineers (NPTEL), Learning Analytics Tools (NPTEL), Google AI Essentials.
- **Development:** Meta Back-End & Front-End Developer (Coursera), DSA in Python (NPTEL), Intro to C (NPTEL).
- **Achievements:** Google Cloud Arcade Champion & Legend, Winner of HackInverse 0.5, Top 10 Finalist in HackNagpur 2.0 & ByteQuest Hackathon.