

PRIYANSHU PRIYAM

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EDUCATION

B.Tech in Computer Science and Engineering

VIT Bhopal University, Bhopal

2022 - 2026

CGPA: 8.68/10

TECHNICAL SKILLS

Languages: Python, Java, Dart

Web: HTML, CSS, Flask

Database: MySQL, OracleDB

Tools/Frameworks: Android, Flutter, NLP, Git/GitHub, AWS, NIST

PROJECTS

DocDispatch | [LINK](#)

Flutter Developer, Firebase Admin

January 2026

- Engineered an Android healthcare platform enabling patients to report conditions via OTP-based authentication, capable of handling 1M+ secure verifications monthly with robust reliability and low-latency data processing.
- Constructed a scalable backend for healthcare data segmentation, supporting retrieval of 1K+ registered patient records efficiently, enhancing system performance, accessibility, and minimizing query latency across regional clusters.
- Devised state-specific dashboards for hospitals, streamlining appointments, prioritization, and resolution, reducing manual case allocation time by 50%, and improving healthcare delivery efficiency significantly.

Windows Password Autofill | [LINK](#)

System Tools Developer, Python Developer

December 2025

- Engineered a Windows-native autofill utility using Win32API and UIAutomation, implementing context-aware hotkey triggers to detect active windows and automate multi-field credential entry, reducing login latency by approximately 70%.
- Architected a high-security storage layer utilizing AES-GCM authenticated encryption and Windows Keyring for master-key management; integrated secure hashing to ensure cryptographic integrity and 100% protection of locally stored authentication secrets.
- Developed a robust integrity-check suite via custom Batch scripting that executes 5 key validations, including automated path detection and SHA fingerprint verification, ensuring environment consistency.

App Sentiment Analyzer | [LINK](#)

Data Scientist, Flask Developer

October 2025

- Built a fully interactive Web and Flask-based application capable of fetching the latest 100 Play Store reviews, performing real-time sentiment analysis, and computing an overall score to provide actionable insights.
- Integrated a pre-trained sentiment analysis model into a robust Flask backend, dynamically processing reviews, computing a 5-point rating, and efficiently handling multiple user requests for rapid, data-driven assessment.
- Crafted responsive frontend templates using HTML, CSS, and JavaScript to display live sentiment scores, review summaries, and interactive visual analytics, enhancing user experience and ensuring device compatibility.

RELEVANT COURSEWORK

- DSA, Operating Systems, DBMS, Mobile Development, Computer Networks, OOPs, Parallel and Distributed Computing, Data Science, Cyber Security, Statistics, Web Development, AWS Practitioner

ACHIEVEMENTS

- Achieved a perfect score of 100/100 in the High Performing Coding Course in Data Science on iamNeo platform.
- Secured A grade in Cyber Security Analyst Course on IBM-Adroit platform.
- Bagged SQL proficiency badge on LeetCode.

CERTIFICATIONS

- **HPC in Data Science** - iamNeo
- **Cyber Security Analyst** - IBM Career Education Program
- **Cloud Computing** - IIT-KGP

PERSONAL DETAILS

Languages: Hindi, English, Maithili

Interests: Cross Platform, Open Source, Cyber Security, Big Data