

PRIYANSHU PRIYAM

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EDUCATION

B.Tech in Computer Science and Engineering

VIT Bhopal University, Bhopal

Expected 2026

CGPA: 8.67/10

TECHNICAL SKILLS

Languages: Python, Java, C++, Kotlin

Web: HTML, CSS, Flask

Database: MySQL, OracleDB, MongoDB

Tools/Frameworks: Data Science, Android, Git/GitHub

PROJECTS

DocDispatch | [LINK](#)

Android Developer, Cloud-Backend Developer

July 2025 - Ongoing

- Architecting an Android healthcare platform enabling patients to report conditions via OTP-based authentication, designed to handle 1M+ secure verifications monthly with robust reliability and low-latency data processing.
- Developing a scalable backend for healthcare data segmentation, supporting retrieval of 1K+ registered patient records efficiently, improving system performance, accessibility, and minimizing query latency across regional clusters.
- Designing role-based dashboards for patients and providers, streamlining triaging, prioritization, and resolution, reducing manual case allocation time by 50%, and improving healthcare delivery efficiency significantly.

App Sentiment Analyzer | [LINK](#)

ML Engineer, Flask Developer

September 2025

- Designed and implemented 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.
- Developed a robust Flask backend integrating a pre-trained sentiment analysis model, dynamically processing reviews, computing a 5-point rating, and efficiently handling multiple user requests, enabling rapid, data-driven assessment.
- Implemented 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.

TOTP Desktop Authenticator | [LINK](#)

Windows App Developer

August 2025

- Built a Tkinter-based desktop suite (TOTP Authenticator & QR Tool) enabling OTP generation, copying, and secure QR encryption, reducing authentication time by 50% versus mobile authenticator apps.
- Integrated AES-256 encryption with OS-level credential storage, guaranteeing 100% encrypted-at-rest protection, while dual-factor decryption (PIN+passkey) improved brute-force resilience by 90% for critical authentication secrets.
- Implemented GitHub-based backup/restore with fine-grained tokens, providing encrypted credential portability across devices, ensuring secure synchronization, zero-knowledge access, and seamless cross-environment usability for authentication data.

RELEVANT COURSEWORK

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

ACHIEVEMENTS

- National Participant, Siemens Hackathon 2024 – worked on problem statements in Industry 4.0 and IoT.
- Achieved a perfect score of **100/100** in the High Performing Coding Course in Data Science on iamNeo platform.
- Bagged AWS Cloud Digital Badges demonstrating proficiency in cloud technologies.

CERTIFICATIONS

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