

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: Android, Scikit-Learn, Keras, NLP, Git/GitHub, AWS, GCP

PROJECTS

DocDispatch | [LINK](#)

Android Developer, Cloud-Backend Developer

Aug 2025 - Present

- 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 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

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.

TOTP Desktop Authenticator | [LINK](#)

Windows App Developer

September 2025

- Constructed 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.
- Implemented 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.
- Enabled 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

- Achieved a perfect score of **100/100** in the High Performing Coding Course in Data Science on iamNeo platform.
- Achieved A grade in Cyber Security Analyst Course on IBM-Adroit platform.

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