



ARCHIT SURVE

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Technical Skills

- **Languages:** Python, SQL, JavaScript, HTML5, CSS3
- **ML/AI:** Scikit-learn, Pandas, NumPy, Random Forest, Matplotlib
- **Security:** Cryptography, Network Security, OWASP, Input Sanitization
- **Dev Tools:** Git, GitHub, VS Code, Jupyter, Postman

Key Competencies

- Secure Web Architecture
- AI-Driven Analysis
- Fintech Applications
- Backend Logic Integration
- REST API Development
- User Interface Design

Education

Kirti College, Mumbai

B.Sc. Computer Science
(2023 – Present)
CGPA: 8.2

Kirti College, Dadar

Higher Secondary (HSC - XII)
Passed 2022

St. Andrews High School

Secondary (SSC - X)
Passed 2020 — 82%

Certifications

- Foundation of Cybersecurity (Google, 2024)
- Fintech: Foundation (Wharton, 2025)
- Critical Thinking & Problem Solving (IBM, 2025)

Professional Summary

Final-Year B.Sc. Computer Science student (8.2 CGPA) with practical experience in **Python, Cybersecurity, and Full Stack Development**. Proven track record of delivering freelance client projects and building secure fintech applications. Seeking immediate internship or entry-level opportunities in Mumbai to leverage skills in backend logic, machine learning, and secure web architecture.

Professional Experience

Ayush Enterprises — Freelance Web Developer

Mumbai, India — Aug 2025 – Sept 2025

- **Full Stack Deployment:** Designed and deployed a 100% responsive corporate website using HTML5/CSS3 and JavaScript, featuring a custom product catalog and client inquiry system.
- **Security Implementation:** Implemented **robust Input Validation and SQL Injection defenses** to secure the inquiry portal against common web attacks.
- **Client Delivery:** Executed the complete development lifecycle, delivering the project within the strict project timeline while meeting all client requirements.

Key Projects

Fintech Fraud Detector

- *Python, Scikit-Learn, Matplotlib*

- Built a machine learning system to process large transaction datasets and identify anomaly patterns indicative of credit card fraud.
- Optimized model performance by addressing data imbalance using **sampling techniques**, achieving a high Recall rate for fraud detection.
- Visualized fraud patterns using Matplotlib to present actionable insights on transaction anomalies.

Digital Safe Steganography Tool

- *Python, Cryptography, Tkinter*

- Developed a desktop security application capable of hiding encrypted sensitive data within **lossless image files (PNG)** using the LSB algorithm.
- Developed a **dual-authentication system**, requiring both a user password and the specific carrier image to successfully decrypt hidden files.
- Designed a user-friendly GUI to allow non-technical users to secure files without command-line knowledge.

Password Security Analyzer

- *Python, REST API, RegEx*

- Programmed a credential strength analyzer using custom RegEx algorithms to flag and prevent the use of weak passwords.
- Integrated the *HavelBeenPwned* API to implement real-time breach detection, cross-referencing user inputs against known database leaks.
- Implemented **SHA-256 hashing** to securely process input data without storing plain-text credentials during analysis.

Mental Fitness Tracker

- *Web Development, Data Analytics*

- Created a wellness platform enabling users to log mood data and track psychological well-being over time.
- Integrated data visualization dashboards to help users identify behavioral trends and improve daily habits.
- Implemented local storage solutions to persist user preferences and data securely within the browser session.