

NIRLEP SANAP

SOFTWARE ENGINEER | AIML • FULL STACK • CYBERSECURITY

Ghatkopar East, Mumbai, Maharashtra nirlepsanap2004@gmail.com github.com/nirlepsanap +91 93214 48398

SUMMARY

B.Tech undergraduate specializing in Artificial Intelligence & Machine Learning (CGPA: 8.44) with hands-on experience across AI/ML systems, full-stack web and app development and cybersecurity. Built real-time AI applications, web platforms, and digital forensics tools, with practical exposure to incident response and cyber investigations through internship experience at Maharashtra Cyber State Police.

PROFESSIONAL EXPERIENCE

Maharashtra Cyber State Police

Sep 2025 -Present

- Assisted in investigating and analyzing cyberattack cases, performing threat detection, digital evidence collection, and incident reporting under senior officers.
- Supported cyber forensics and network security operations, gaining hands-on experience with government-level cybersecurity tools and practices.

Android Developer - LazyDeveloper Private Limited

JUL 2025 -Sep 2025

- Developed responsive Flutter apps from Figma designs, following Material Design principles for consistent UI.
- Built reusable widgets, managed app state, and handled APK builds for QA and production.
- Collaborated with designers for pixel-perfect UI and used Git/GitHub for version control and teamwork.

Full Stack Web Developer - Agrawal Packers and Movers Ltd

FEB 2023 - JULY 2023

- Developed web applications and a WhatsApp chatbot using React, Node.js, and MongoDB to automate communication and improve workflow efficiency.
- Handled end-to-end development, managing both frontend and backend tasks while collaborating with cross-functional teams to meet project goals.

Frontend Developer - Winsple Internship

JAN 2023 - FEB 2023

- Developed responsive web interfaces using HTML, CSS, and JavaScript to enhance user experience across devices.
- Collaborated with designers to translate UI concepts into functional, visually consistent web pages.

SKILLS

- Programming Languages: Python, Java, C, C++, R
- Frontend Development: HTML, CSS, JavaScript, React.js, Flutter
- Backend Development: Node.js, Express.js, PHP, Laravel, Django, Flask, Firebase
- Database Technologies: SQL, MongoDB, Firestore

- AI & LLMs: Machine Learning, Computer Vision, NLP, Prompt Engineering, AI Automation
- Libraries & Tools: NumPy, Pandas, OpenCV, YOLO
- Cybersecurity & Digital Forensics: Log Analysis, Incident Response, Evidence Collection, Case Documentation

PROJECTS EXPERIENCE

Real-Time Object Detection using YOLO

- Created a real-time object detector with voice alerts like "person on your left."
- Added text reading and smooth, non-repetitive voice feedback

Automated Network Forensics Analysis and Reporting System

- Built an automated network forensics system in Python to analyze PCAP traffic and generate forensic investigation reports.
- Implemented protocol analysis, top-talker detection, SHA-256 integrity checks and rule-based threat analysis.

Movie Recommendation System

- Developed a personalized recommendation engine using machine learning
- Leveraged user preferences, viewing history, and ratings to enhance engagement

WhatsApp Chatbot Ai

- Built an AI-powered chatbot using Glitch and Facebook Meta API.
- Integrated with WhatsApp Cloud API to automate customer interaction, bookings, and Image uploading.

EDUCATION

Bharati Vidyapeeth Deemed University

B.Tech in Computer Science Engineering in
Artificial Intelligence & Machine Learning

| 2023 – 2026 | CGPA: 8.44/10

Goverment Polytechnic Mumbai

Diploma in Computer Engineering

| 2020-2023 | 1st class Distinction- 70%

PVG Vidya Bhawan School

SSC

| 2010 – 2020 | 81.80%

