# NIRANJAN LANGADE

Satara, Maharashtra

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## EDUCATION

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|---|---|
| **Vishwakarma Institute Of Technology, Pune** | **2021 – Present** |
| *Computer Engineering - **CGPA** - **8.71*** | *Pune, Maharashtra* |
| **LSK Junior College of Science** | **2019 – 2021** |
| *HSC - **Percentage** - **92.33%*** | *Satara, Maharashtra* |

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- DBMS
- OOPS Concept
- Computer Networks
- Web Development

## PROJECTS

**SecureLedger** ⬈ | Blockchain, Solidity, Reactjs, Ganache, Metamask
- Developed a **decentralized platform using blockchain technology** to manage land ownership records securely and transparently.
- Designed a **three-tier user authentication system (SuperAdmin, Admin, Owner)** to control access and role-based operations.
- Integrated **MetaMask for user authentication and interaction with blockchain**, ensuring robust multi-factor security.

**ASL Assistant** ⬈ | Python, Numpy, Mediapipe, Opencv
- Built a gesture recognition system using Mediapipe and OpenCV, allowing **deaf and mute individuals to control smart devices via ASL hand gestures.**
- It is an accurate machine learning model with **real-time gesture interpretation to mimic voice assistant functionalities.**

**Collaborative Coding Platform** ⬈ | React.js, Hybrid Cloud, AWS, EC2, S3
- Built a collaborative coding platform with **real-time editing and execution for multiple languages** including features like **save code, undo and notes.**
- Deployed scalable backend on **AWS (EC2, S3)** for high availability and secure data management.

**Multilingual Library Management System** ⬈ | React.js, Node.js, MongoDB, Express.js, i18next
- Created a **multilingual library system using the MERN stack and i18next**, supporting five languages to improve accessibility for non-English speakers.
- Implemented role-based access control **(Student, Staff, Admin)** and real-time notifications for streamlined library operations.

## TECHNICAL SKILLS

**Languages :** C, C++, HTML, CSS, JavaScript, SQL
**Familiar :** Linux, Java, Python, AWS, Docker, Kubernetes
**Developer Tools :** VS Code, git, github, Remix
**Technologies/Frameworks :** React, MongoDB, Nodejs, Expressjs

## HACKATHONS

**Winner of Best Use of GenerativeAI** ⬈

*Hackinspiration'23*
- Won a hackathon by **MLSC, VIT Pune.** Received a cash prize worth Rs. 5000

**2nd Runner Up** ⬈

*Nexus 2.0*
- A hackathon organized by **BIT, Sindri**. Recieved price in kind of worth Rs.5000

## CERTIFICATIONS AND ACHIEVEMENTS

- Blockchain Professional Certification By CourseEra ⬈
- SQL by Hackerrank ⬈
- Global rank 52 in Codechef Staters 123
- Global rank 43 in GFG Weekly-176 [Rated Contest]
- Solved more than 500+ coding problems on various platforms
- 3 star at codechef, GFG and knight at leetcode