

Niranjana Langade

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EDUCATION

Vishwakarma Institute of Technology

Bachelor of Engineering in Computer Engineering

Pune, India

August 2021 – June 2025

TECHNICAL SKILLS

Programming Languages: C++, Java, Python, JavaScript, SQL, Solidity

Web Technologies: React.js, Node.js, Express.js, Spring Boot, HTML5, CSS3, RESTful APIs, Web3.js

Databases: MySQL, MongoDB

Blockchain: Ethereum, Smart Contracts, Solidity, Ganache, DApps

Tools & Technologies: Git, GitHub, AWS, Microsoft Azure, Power BI, Docker

Core Competencies: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, System Design, Software Development Lifecycle

PROFESSIONAL EXPERIENCE

Philips Healthcare

Apprentice Trainee - Software Development Engineer (SDE-1)

Pune, India

July 2025 – Present

- Engineered the end-to-end SWO Data Analytics ecosystem—automating processing for 10000+ service orders, integrating multilingual translation and AI-driven issue classification, and delivering interactive Power BI dashboards—reducing analysis time by 70%.
- Developed AI-powered document completion tool, reducing technical documentation time by 40% and improving workflow efficiency
- Helped team in NMRS system migration from Windows XP to Windows 11, conducting compatibility testing, validation, and system integration across legacy healthcare systems
- Contributing to collimator calibration software development for medical equipment

Freelance Software Developer

Full-Stack Developer

Remote

January 2025 – June 2025

- Delivered 5+ production-ready web applications using MERN stack (MongoDB, Express.js, React.js, Node.js) and Spring Boot for clients in education, healthcare, and fintech sectors

TECHNICAL PROJECTS

SecureLedger: Blockchain-Based Land Registry — *React.js, Web3.js, Solidity, Ethereum, Ganache*

- Built a decentralized land registry system using Ethereum smart contracts, cryptographic hashing, and distributed ledgers, enhancing security, transparency, and reducing fraud risk by 80% compared to centralized systems.
- Integrated a responsive React.js frontend with Web3.js for seamless blockchain interactions and secure user authentication.

ASL Assistant: Gesture-Controlled Voice Assistant — *Python, MediaPipe, OpenCV, NumPy*

- Built AI-powered accessibility tool using computer vision to detect American Sign Language hand gestures with 95% accuracy in real-time
- Integrated Google Assistant-like functionality controlled entirely through ASL gestures using MediaPipe pose estimation and OpenCV image processing

ACHIEVEMENTS & CERTIFICATIONS

LeetCode Knight Badge (Max Rating: 1857) – Top 5% globally with 600+ data structures and algorithms problems solved

CodeChef 3-Star (Max Rating: 1648) – Achieved Global Rank 52 in CodeChef Starters 123 Division 3 competition

GeeksforGeeks 3-Star (Max Rating: 1723) – Consistent competitive programming performance

Nexus 2.0 Runner Up – Designed and deployed responsive website for educational coaching platform

Certifications: IBM Data Science Specialization, Career Essentials in Generative AI (Microsoft & LinkedIn), Blockchain Professional Certification, Building Generative AI Skills for Developers