

ONKAR LONSANE

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Pune, Maharashtra, 412106, India

PROFESSIONAL SUMMARY

Self-motivated Computer Engineering student with good academic and practical skills in full-stack development, AI/ML and API integration. Proficient in C++, Python, JavaScript, React, FastAPI. Did an internship at BMC Software and won at hackathons and academics. You love to solve real-world problems and play around with new tech.

EDUCATION

Bachelor of Engineering in Computer Engineering

[Nutan Maharashtra Institute of engineering and technology at Talegaon](#)

2022 - 2026

CGPA: 9.23/10

HSC

[Indrayani college](#)

2021

85.5%

PROFESSIONAL EXPERIENCE

QA Chatbot (Using Gemini & Streamlit)

Feb 2025

- Created a QA chatbot with file upload support for QAs where documents can be uploaded and the bot would instantly answer relevant questions with Gemini and LLaMA models.
- Designed a Streamlit UI and built backend logic with Pandas and LLaMAIndex, enabling **95% accurate prompt-based** answers across 100+ uploaded documents.

Software Developer Intern (BMC Software, Pune)

Jan 2026 – Jun 2026

- Worked on prompt engineering and automation using BMC AMI AI and large language models (LLMs).
- Developed a full-stack solution with Angular, FastAPI, and SQLite to capture UI actions and generate executable workflows.
- Implemented prompt engineering concept and persona-based logic for **3 intelligent modules**, reducing manual queries **by 60%**.
- Used Adapt UI, managed **50+ tickets in JIRA**/GitHub, and delivered all **Agile sprints with 100%** on-time delivery.

Eduway – AI-Powered Learning Path System (Research Paper Completed)

Jan 2025

- Built an AI-based platform generating **85% personalized learning paths** using LLMs and tree structures, helping 100+ students set and reach academic goals.
- Designed intuitive dashboards for both admin and students, with features for resource tracking, dynamic suggestion logic, and progress visualization.

ACADEMIC PROJECTS

1. Copyright – “Smarter Parking Experience”: GPS Global Parking Solution

Feb 2023

- Smarter Parking Experience using state of the art GPS technology.
- Built a GPS-enabled smart parking system that reduced vehicle search time **by 50% through real-time** slot tracking.

2. Portfolio Website (Frontend Development)

Jan 2024



- Portfolio website developed to showcase early career achievement and leading to a 3x increase in recruiter engagement.
- Created a portfolio web application using React and JavaScript to display projects and skills for potential employers.

TECHNICAL SKILLS

- Languages: C++, Python, React, JavaScript
- Frameworks: Angular, Node.js, FastAPI, Streamlit, Bootstrap, Tailwind
- Databases: SQLite, MySQL, MongoDB
- Tools: Git, GitHub, Jira, Postman, Adapt UI, Agile methodology (Jira)
- Concepts: LLMs, Prompt Engineering, API Testing, RESTful Services, Model Deployment

ACHIEVEMENTS & CERTIFICATIONS

Jan 2025

- POSTMAN - API Testing and Management
-  **Won 1st Prize at “NUTAN INNOTHRIVE 2K25”** - Project & Business Competition
-  **Received Best Academic Award** for securing 3rd rank in the first year of Computer Engineering
- SQL and Relational Database
- AI/ML Geodata Analysis – Indian Space Research Organisation (ISRO)
- Software Engineering & Agile Development – Infosys Springboard