

# 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

<b>Bachelor of Engineering in Computer Engineering</b>	<b>2022 - 2026</b>
Nutan Maharashtra Institute of engineering and technology at Talegaon	CGPA: 9.23/10
<b>HSC</b>	<b>2021</b>
Indrayani college	85.5%

## PROFESSIONAL EXPERIENCE

<b>QA Chatbot (Using Gemini &amp; Streamlit)</b>	<b>Feb 2025</b>
• 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 LLaMAModel, enabling <b>95% accurate prompt-based answers</b> across 100+ uploaded documents.	
<b>Software Developer Intern (BMC Software, Pune)</b>	
• Worked on prompt engineering and automation using BMC AMI AI and large language models (LLMs).	<b>Jan 2026 – Jun 2026</b>
• 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 <b>3 intelligent modules</b> , reducing manual queries <b>by 60%</b> .	
• Used Adapt UI, managed <b>50+ tickets</b> in JIRA/GitHub, and delivered all <b>Agile sprints with 100%</b> on-time delivery.	
<b>Eduway – AI-Powered Learning Path System (Research Paper Completed)</b>	
• Built an AI-based platform generating <b>85% personalized learning paths</b> using LLMs and tree structures, helping 100+ students set and reach academic goals.	<b>Jan 2025</b>
• Designed intuitive dashboards for both admin and students, with features for resource tracking, dynamic suggestion logic, and progress visualization.	

## ACADEMIC PROJECTS

<b>1. Copyright – “Smarter Parking Experience” : GPS Global Parking Solution</b>	<b>Feb 2023</b>
• Smarter Parking Experience using state of the art GPS technology.	
• Built a GPS-enabled smart parking system that reduced vehicle search time <b>by 50% through real-time slot tracking</b> .	
<b>2. Portfolio Website (Frontend Development)</b>	
• Portfolio website developed to showcase early career achievement and leading to a 3x increase in recruiter engagement.	<b>Jan 2024</b>
• 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

- 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