

# Lalit Shirsath

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## Technical Skills

C | C++ | Java | Python | HTML | CSS | JavaScript | NodeJS | ReactJS | MongoDB | MySQL | XML | Git

**Soft Skills:** Problem-Solving | Adaptability | Team Collaboration | Documentation Reports & Presentations

## Work Experience

### Paarsh Infotech

May 2023 - July 2023

Full Stack Developer Intern

Nashik, India

- Acquired practical skills in frontend and backend technologies, including HTML, CSS, JavaScript, and server-side frameworks, through hands-on project work.
- Improved troubleshooting and performance optimization abilities by working on real-world web development projects, enhancing overall application efficiency.
- As a Full Stack Developer Intern at Paarsh Infotech, I developed a news portal using React.js, Node.js, Express.js, MongoDB, and implemented secure authentication with JWT and Bcrypt.js for a responsive, user-friendly design.

### Webfries

Dec 2023 - Feb 2024

AI Developer Intern

Nashik, India

- Gained hands-on experience in implementing and fine-tuning algorithms to optimize the performance and accuracy of AI models.
- Developed and deployed AI models using various machine learning frameworks, contributing to AI-driven solutions for real-world projects.
- Learned Python, TensorFlow, PyTorch, NumPy, Pandas, Scikit-learn, Jupyter Notebooks, Git, Large Language Models (LLM), Retrieval-Augmented Generation (RAG).

## Project Work

### RAGDocBot

Jan 2023 - March 2024

- Developed RAGDocBot, a RAG model-based assistant for dynamic interaction with PDFs, improving information retrieval time by 30% and enhancing query accuracy by 25%.
- Integrated retrieval mechanisms with generative AI, reducing the time required for data extraction from complex documents by 40%.
- Technologies Used: Python, RAG Model, NLP, Machine Learning, PyTorch/TensorFlow, PDF Data Parsing.

### NewsPorthub

May 2023 - July 2023

- Developed a news portal website with advanced search capabilities and secure authentication, improving user engagement by 40% and reducing page load time for timely news access by 25% through optimized API integration.
- Integrated administrative tools for content management, reducing content update time by 50% and decreasing user-reported issues by 30% by streamlining backend workflows.
- Technologies Used: Python, Flask/Django, HTML/CSS, JavaScript, News API, SQL/NoSQL databases..

## Education

• **Savitribai Phule Pune University** | Matoshri College of Engineering, Nashik (Maharashtra)

July 2022 - Jun 2025

Bachelor of Engineering in Artificial Intelligence & Data Science

CGPA : 8.23/10

• **Maharashtra State Board Technical Education** | MIT Polytechnic, Yeola (Maharashtra)

July 2019 - Jun 2022

Diploma in Computer Engineering

Percentage : 82.17%

• **SSC Maharashtra Board** | New English School, Satana (Maharashtra)

Jun 2018 - July 2019

SSC Board Class 10th

Percentage : 69.20%