


# Lokesh Patil

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📍 Pune, Maharashtra, India

## EDUCATION

### Savitribai Phule Pune University

Pune, Maharashtra

*Bachelor of Engineering in Computer Engineering*

*Expected 2026*

- Relevant Coursework: Data Structures, Algorithms, Database Management Systems, Operating Systems, Computer Networks, Object-Oriented Programming, Web Development

### Government Polytechnic College

Pune, Maharashtra

*Diploma in Computer Engineering*

*October 2021 – July 2024*

- Strong foundation in computer science fundamentals and practical programming skills

## EXPERIENCE

### Software Engineering Intern

June 2024 – August 2024

*NPIT*

*Pune, Maharashtra*

- Collaborated with cross-functional teams to develop and deploy software solutions, gaining hands-on experience in the software development lifecycle
- Contributed to code reviews and testing processes, ensuring high-quality deliverables and adherence to best practices
- Implemented features using modern programming languages and frameworks, improving application performance and user experience
- Participated in agile development methodologies including daily standups, sprint planning, and retrospectives

## PROJECTS

### E-Commerce Web Application | *React, Node.js, Express, MongoDB, REST API*

2024

- Built a full-stack e-commerce platform with user authentication, product catalog, shopping cart, and payment integration
- Designed and implemented RESTful APIs to handle CRUD operations and manage application state efficiently
- Integrated secure payment gateway and implemented JWT-based authentication for enhanced security
- Optimized database queries and implemented caching strategies, reducing page load times by 40 percent

### Task Management System | *Python, Django, PostgreSQL, Bootstrap*

2023

- Developed a collaborative task management application with role-based access control and real-time notifications
- Implemented user authentication, task assignment, deadline tracking, and progress monitoring features
- Created responsive UI using Bootstrap framework, ensuring cross-browser compatibility and mobile responsiveness

### Machine Learning Price Predictor | *Python, Scikit-learn, Pandas, Flask*

2023

- Built a machine learning model to predict product prices based on historical data and market trends
- Performed data preprocessing, feature engineering, and model evaluation achieving 85 percent accuracy
- Deployed the model as a web service using Flask, enabling real-time predictions through REST API endpoints

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C++, JavaScript, SQL, HTML/CSS

**Frameworks & Libraries:** React, Node.js, Express, Django, Flask, Bootstrap, jQuery, NumPy, Pandas

**Developer Tools:** Git, GitHub, VS Code, IntelliJ IDEA, Docker, Postman, MySQL, MongoDB, PostgreSQL

**Technologies:** REST APIs, Machine Learning, Data Structures, Algorithms, Database Design, Agile/Scrum

**Soft Skills:** Problem Solving, Team Collaboration, Communication, Adaptability, Time Management

## ACHIEVEMENTS & CERTIFICATIONS

Completed comprehensive coursework in Computer Engineering with strong academic performance

Participated in college-level coding competitions and technical workshops

Active contributor to open-source projects and technical communities

Completed online certifications in Data Structures, Algorithms, and Web Development