LAXMIKANT SHUKLA

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Guna, Madhya Pradesh, India

CAREER OBJECTIVE

Computer Science undergraduate (Batch 2022-2026) with strong programming, analytical, and problem-solving skills. Seeking a Trainee Engineer role to contribute in Python, SQL, Machine Learning, NLP, GenAI, and Azure-based development, while applying Agile/SAFe practices to deliver scalable and innovative software solutions. Passionate about continuous learning and emerging technologies.

EDUCATION

Jaypee University of Engineering and Technology   **Guna, MP**
B.Tech in Computer Science and Engineering; CGPA: 7.0   *2022 – 2026*

Senior Secondary (10+2)   **India**
Percentage: 85%   *Completed*

Matriculation (10th)   **India**
Percentage: 87%   *Completed*

KEY SKILLS

Programming & Data: Python, SQL, JavaScript, C/C++, Data Structures, OOP, DBMS, OS fundamentals
Machine Learning & AI: OpenCV, Computer Vision, basics of NLP, Deep Learning, GenAI concepts
Testing & Automation: Playwright (Python), Selenium, API testing with Postman, POM design
Cloud & DevOps: Azure (beginner), Git, Docker, CI/CD integrations
Visualization: React (basics), Streamlit, PowerBI (learning)
Problem Solving: 250+ LeetCode problems solved; Codeforces rating 750+

EXPERIENCE

Propvivo   **Onsite**
QA Automation Engineer Intern   *August 2025 – Present*

– Designed and implemented a Playwright + Python automation framework using Page Object Model (POM).
– Automated regression test suites to validate complex workflows and ensure software reliability.
– Integrated test automation with CI/CD pipelines to enable continuous delivery and faster feedback.
– Debugged issues, collaborated in an Agile team, and ensured high-quality deliverables across sprints.
– Conducted cross-browser validation and API testing using Postman and Playwright request APIs.

PROJECTS

PLC-Gen: AI-Powered Logic Tool | *Python, AI/ML, NLP*   **Jan 2026 – Present**

– Developed a software solution leveraging **GenAI concepts** to generate industrial code logic from natural language inputs.
– Designed a modular architecture to translate user requirements into structured logic, streamlining automation workflows.
– Applied Python and NLP techniques to interpret commands, reducing manual coding effort for industrial setups.

Road Pothole Detector (ML/Computer Vision) | *Python, OpenCV, Streamlit*   **Project**

– Built a machine learning model to detect and classify potholes from vehicle-mounted camera feeds.
– Applied image preprocessing, feature extraction, and testing to improve classification accuracy.
– Deployed interactive demo using Streamlit for real-time detection visualization.

POSITIONS OF RESPONSIBILITY

PR Outreach Head, Geeks for Geeks (2024-25): Organized 10+ events.
Joint Secretary, CSI (Bitwise) (2024-25): Conducted mock placement tests.
Joint Secretary, JYC Literary Wing (2024-25): Coordinated recruitment and interviews.
Coordinator, GDSC (2023-24): Engaged in 10+ technical sessions and peer collaboration.