SOURAV LENKA

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PROFESSIONAL SUMMARY

DevOps-oriented fresher with hands-on experience in Python automation, AWS cloud services, and Linux systems. Certified in AWS DevOps and Google Python programs, with a strong foundation in CI/CD concepts, cloud-backed application development, and system troubleshooting. Focused on building scalable, reliable, and automation-driven solutions.

TECHNICAL SKILLS

Programming & Scripting: Python, Bash, JavaScript, PHP
Web Technologies: HTML5, CSS3, Responsive UI Development
Databases: MySQL, Firebase Firestore, NoSQL
DevOps & Cloud: AWS (EC2, S3, IAM), AWS CLI, Linux, CI/CD Concepts
Testing & Reliability: unittest, Pytest (basic), Debugging, Log Analysis, Regex
Tools & Platforms: Git, GitHub, VS Code, XAMPP, Streamlit

PROJECTS

GIET Student Web Platform
• Full-stack academic platform with authentication and database integration
• Modular design supporting scalability and future cloud deployment

Python Automation & Jarvis AI Assistant
• Automation-focused assistant for command execution and system interaction
• Python scripts for file handling, log analysis, and reliability testing

RAG-Based PDF Question Answering System
• Retrieval-Augmented Generation system for answering queries from PDF documents
• Implemented document ingestion, chunking, and semantic retrieval

Firebase-Based Applications
• Applications using Firebase Authentication and Firestore
• Secure access control and real-time database operations

Streamlit Applications
• Attendance Calculator, OMEN Chatbot, ISL Project
• Interactive dashboards with real-time inputs

INTERNSHIPS

Summer Intern – NTPC-SAIL Power Company Limited (NSPCL), Rourkela, Odisha (Jun 2025 – Jul 2025)
• Completed summer internship in C&I (Control & Instrumentation) Department
• Gained exposure to industrial control systems and networking of DDCMIS systems
• Demonstrated strong learning ability, discipline, and professional conduct

Web Development Intern – YHills (Feb 2024 – Apr 2024)
• Developed responsive webpages and event-based forms

Web Development Intern – Oasis Infobyte (Jun 2024 – Jul 2024)
• Built landing pages, portfolio site, and calculator application

EDUCATION

B.Tech in Computer Science Engineering (2023 – 2027)
GIET University, Gunupur

CERTIFICATIONS

AWS DevOps Certification | AWS CLI Basics | Advanced Testing & Code Quality on AWS
Google: Python OS Interaction, Troubleshooting & Debugging, Git & GitHub, Crash Course on Python
Infosys: Introduction to NoSQL Databases | Firebase & DevOps Workshops
Google Student Ambassador Program

ADDITIONAL INFORMATION

Languages: English, Odia, Hindi