

LAKSHIKA PARIHAR

Software Engineer | Python Developer | Backend Specialist

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PROFESSIONAL SUMMARY

Results-driven software engineer with over 3 years of experience designing and deploying scalable backend systems using Python and FastAPI. Proven success in API development, DevOps automation, and MLOps infrastructure. Strong background in microservices architecture, test automation, and cloud-native deployments. Adept at translating business needs into technical solutions with a focus on performance, reliability, and clean code practices.

EXPERIENCE

Software Engineer Consultant

StatusNeo

📅 Mar 2021 – Present

- Designed and deployed 100+ backend APIs using FastAPI and PostgreSQL, reducing frontend integration time by 40% and cutting bug reports by 30%.
- Automated DevOps workflows for 1,000+ GitHub repositories using Python, Jinja2, and shell scripts, slashing processing time from 3 days to under 2 minutes.
- Developed scalable microservices for ML model lifecycle management, improving deployment efficiency by 50% and integrating with Java middleware via Protobuf.
- Led QA for backend modules, increasing test coverage to 90%+ using Pytest and managing 20+ successful production releases under tight sprint cycles.
- Implemented secure API authentication and logging practices, aligning with best practices in cloud-based systems (AWS, Docker).

Developer Evangelist Intern

StatusNeo

📅 Jan 2021 – Feb 2021

- Performed EDA on 500K+ Covid-19 records, uncovering trends that influenced internal health analytics tools.
- Built ML models using SIR and time-series forecasting techniques, achieving 85%+ accuracy across 3 forecasting horizons.
- Authored technical blogs and documentation that attracted 50K+ monthly readers and earned the Best Series Award.
- Created Power BI dashboards that enabled C-suite stakeholders to make data-driven decisions with improved clarity.

PROJECTS

Open Source Documentation Contributions

github

📅 Mar 2022

- Enhanced developer onboarding by revamping documentation for MLflow, Backstage, and core C++ libraries—resources now used by 1M+ developers globally.

Voice-Controlled Desktop Assistant

python, nlp, shell scripting

📅 Dec 2020

- Developed a voice-based automation tool using Python and speech recognition libraries, enabling hands-free desktop control and boosting personal task efficiency by 60%.

EDUCATION

B.Tech in Computer Science

University of Petroleum and Energy Studies

📅 July 2017 – May 2021

TECHNICAL SKILLS

Programming: Python, SQL, Shell Scripting
Frameworks: FastAPI, Flask

Databases: PostgreSQL, MongoDB, Snowflake, Database Management

DevOps Tools: Git, GitHub Actions, Docker, CI/CD Pipelines, JFrog Artifactory, Version Control

Cloud & Analytics: AWS, Power BI, MLflow, Cloud Infrastructure

Testing: Pytest, Unit Testing

Backend Concepts: RESTful APIs, Microservices, API Security, Scalability, Agile Development, Data Structures & Algorithms

ACHIEVEMENTS

- Published blogs with 5M+ views, boosting engagement by 120
- Reached final rounds of inter-college hackathons showcasing backend engineering capabilities.
- Won Best Series Award for dev blogs with 50K+ readers.

OPEN TO

- Python Backend Developer
- SDE (Python/Microservices)
- Startup Roles with chaotic energy