

SHREYANSH SACHAN

Mumbai, Maharashtra

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PROFESSIONAL SUMMARY

Transforming complex challenges into innovative, high-impact solutions through relentless curiosity and technical expertise.

TECHNICAL SKILLS

Programming: C, C++, Python, Java, SQL

Database Management: MYSQL, SQLAlchemy, Stored Procedure, Redis(Basic)

Technologies/Frameworks: OOPs, STL, Data Structures and Algorithms, Pandas, Tensorflow, Pytorch, Linux, JIRA, CI/CD, Jenkins, GitHub, AWS services, AI/ML, Deep Learning, Debugging, Agile Methodology

Soft Skills : Communication skills, Leadership skills, Statistics, Active listening, Debugging

PROFESSIONAL EXPERIENCE

L&T Technology Services Limited

December 2023 – Present

Engineer

Navi Mumbai, Maharashtra

- Engineered modular ETL plugins using Python and its libraries to automate log post-processing, optimized data ingestion into CDH, resulting in 80% increase of data.
- Architected and implemented object-oriented Python plugins following SOLID principles, developed and maintained pytest-based unit and integration test suites, achieving 98% code coverage and ensuring production-grade stability.
- Designed and deployed interactive, real-time dashboards on AWS QuickSight—integrating data from CDH, reporting time by 60%.
- Leveraged SQL and employed JSON and YAML configurations for dynamic pipeline parameterization.

F13 Technologies

September 2022 – November 2022

AWS Intern

New Delhi

- Assisted in deploying and managing cloud infrastructure using AWS services (EC2, S3, Lambda) to enhance scalability and streamline workflows.
- Gained hands-on exposure to IaaS, PaaS, and SaaS models, contributing to efficient project deployments.
- Lastly, presented key project insights that supported informed decision-making and operational improvements.

PROJECTS

Face Landmark Detection | Python, Deep Learning, Neural Networks

- Developed a deep learning-based algorithm using Python and OpenCV that achieved **96% accuracy** in real-time facial landmark detection.
- Enabled precise emotion analysis and virtual facial animation through advanced neural network techniques.

Diagnosis and Data Probability Decision Based on Non-Small Cell Lung Cancer | Python, ML, ResNet, DesNet

- Designed and implemented a machine learning model for non-small cell lung cancer diagnosis with **94.44% accuracy**.
- Leveraged advanced algorithms to support data-driven clinical decision-making and improve diagnostic precision.

PUBLICATION

Face Landmark Detection

Journal Name - International Journal of Emerging Technologies and Innovative Research(JETIR)

- Detailing the application of deep learning techniques such as ResNet and DenseNet for improved facial analysis under challenging conditions.

EDUCATION

SRM Institute of Science and Technology

July 2019 – July 2023

Bachelor of Computer Science with specialization in Information Technology - CGPA: 8.91

Chennai, Tamil Nadu

Sir Padamphat Singhania Education Centre

2018

Class XII (CBSE) - 86%

Kanpur, UP

AWARDS & ACHIEVEMENTS

SPOT AWARD

1 March 2025

L&T Technology Services

"Shreyansh has consistently delivered the tasks assigned to him on time. His strong coding and troubleshooting skills have been instrumental in resolving issues efficiently. Additionally, Shreyansh's collaboration with the team and his ownership of tasks reflects his dedication and commitment to the project's deliverables. Keep up the great work!" - Immediate Superior)