

Aditya Pandey

Ghaziabad, Uttar Pradesh 201012

+918556969755 pandeyaditya2804@gmail.com [linkedin.com/adityapandeytech](https://www.linkedin.com/adityapandeytech) github.com/Aditya0Pandey

Projects

Multipurpose Chatbot | Amazon QuickSight, AWS API Gateway, Lambda, S3, Route 53, Lex, DynamoDB January 2025

- Developed a chatbot solution that provides real-time shareable dashboards for live account metrics, accessible via secure links.
- Enabled agencies to customize dashboards with company and client logos and integrate a Custom Domain for personalized access.
- Leveraged Amazon QuickSight for dashboard visualization, **Lex** for chatbot functionality, and DynamoDB for storing user interactions.

Python Shell: Custom Command Line Interface | Python, OS Module, Subprocess, Argparse, Linux/Windows OS December 2024

- Designed a Python-based shell that allows users to execute system commands dynamically across Linux and Windows.
- Implemented features like command history, custom aliases, error handling, and enhanced system interactions.
- Used OS and Subprocess modules to manage system calls while ensuring cross-platform compatibility.

Multi-Tier Web Application with Auto Scaling | AWS S3, CloudFront, ALB, Auto Scaling, EC2, RDS, IAM, Route 53, SSL/TLS November 2024

- Developed a scalable web application with a React frontend hosted on S3 & CloudFront and a backend running on EC2 with Auto Scaling.
- Ensured high availability by using an Application Load Balancer (ALB) for efficient traffic distribution.
- Integrated Amazon RDS (MySQL/PostgreSQL) for data storage and secured access using IAM roles & SSL/TLS encryption.

Certificates

Dynamic Programming. Greedy Algorithms November 2024

NPTEL — [Certificate Link](#)

DevOps Foundation November 2024

Coursera — [Certificate Link](#)

Generative Ai with LLM October 2024

Coursera — [Certificate Link](#)

Introduction to IoT August 2024

Coursera — [Certificate Link](#)

Technical Skills

Languages C++, Java, Python

Technologies/Frameworks: AWS, Azure, Git, GitHub, Ubuntu

Skills: Cloud Architecture, Problem-Solving, Scripting in Python and JavaScript

Education

Lovely Professional University 2022 – 2026

Computer Science and Engineering — CGPA: 7.43 Jalandhar, Punjab

Seth Anandram Jaipuria School 2021 – 2022

12th with Science — Percentage: 93% Ghaziabad, Uttar Pradesh

Seth Anandram Jaipuria School 2019 – 2020

10th with Science — Percentage: 80% Ghaziabad, Uttar Pradesh