

NAWAL KUMAR

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EDUCATION

Panipat Institute of Engineering and Technology

08 2021 – 05 2024

*Bachelor of Computer Application(CTIS) - **Percentage - 80.3%***

Panipat, India

Dev Samaj Vidya Niketan Sr.Sec School

03 2020 – 04 2021

*Higher Secondary Certificate - **Percentage - 78%***

Gurgaon, Haryana

Dev Samaj Vidya Niketan Sr. Sec School

03 2018 – 04 2019

*Senior Secondary Certificate - **Percentage - 74%***

Gurgaon, Haryana

TECHNICAL SKILLS

Languages: Python, C, Yaml, Shell Scripting, SQL

Technical /Domain Skills: Git Github, Docker, Virtualisation , Amazon Web Services(AWS)

Operating System: Linux , Windows

Interpersonal Skills: Effective Communicator , Highly Adaptable , Team Work

PROJECTS

Weather App | Tkinter

- Developed a Python application that retrieves real-time weather information using the OpenWeatherMap API and displays it to the user. Used requests library to make API calls, JSON module to parse the response, and tkinter module to create a user-friendly GUI. Improved user experience by implementing error handling for invalid input and a dynamic background that changes based on the current weather conditions.
- This project demonstrates proficiency in working with external APIs, parsing JSON data, and building GUIs using Python libraries.

AWS Serverless Chat Application | AWS Lambda, DynamoDB, API Gateway

- * I built a serverless chat application using various AWS services such as Lambda, DynamoDB, API Gateway, S3, Cognito, and CloudFront. The application allows users to communicate with each other in real-time without the need for any traditional servers. This reduces the cost and maintenance required to run the application. The chat data is stored in DynamoDB, which is a fully managed NoSQL database service provided by AWS. Cognito is used for user authentication and API Gateway for managing RESTful APIs. The application also utilizes CloudFront for content delivery and S3 for hosting static assets. By building this project, I gained hands-on experience in developing serverless applications on AWS and learned how to leverage different AWS services for building scalable and secure applications..

CERTIFICATIONS

- Introduction to Cloud Computing - Coursera
- Python for All - Udemy
- Linux Fundamentals - KodeKloud
- Essentials of AWS Architect - Great Learning