

SIDDHARTHA CHAUHAN

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About

Software Engineer with experience in Python, Django, HTML, CSS, and JavaScript for full-stack development. Proficient in SQL for database management and Git for version control, with familiarity in CLI tools for development workflows. AWS Certified Cloud Practitioner with foundational knowledge of cloud computing and AWS services. Currently upskilling in generative AI by developing an AI-powered chatbot using Python. Eager to combine development expertise with emerging technologies to deliver practical, efficient solutions.

Experience

MountBlue Technologies

Oct 2025 – Present

SDE Trainee

Bengaluru, India

- Trained on Git, CLI, Python, SQL, and Django for full-stack web development.
- Developed a to-do list application with CRUD functionality.
- Built an interactive Tic-Tac-Toe game utilizing JavaScript and DOM manipulation.
- Created a Trello clone using HTML, CSS, and JavaScript by integrating Trello REST API for board and task management.

Skills

Programming Languages: Python, SQL, HTML, CSS, JavaScript

Frameworks & Libraries: Django

Database Management: PostgreSQL, MySQL, SQL Server

Development Tools: Git, GitHub, VS Code, CLI

Web Development: DOM Manipulation, Web Application Architecture, Responsive Design

Cloud: AWS Certified Cloud Practitioner

Currently Learning: Generative AI, Machine Learning (Scikit-learn, Pandas, NumPy)

Projects

To-Do List Application

- Developed a task management app with full CRUD operations for creating, updating, deleting, and viewing tasks.
- Built using HTML, CSS, and JavaScript with local storage for data persistence.

Tic-Tac-Toe Game

- Built an interactive two-player game with JavaScript and DOM manipulation.
- Implemented game logic with win and draw detection, and reset functionality.

Trello Clone

- Integrated Trello REST API to create a task management application with authentication using API keys and tokens.
- Developed dynamic UI with HTML, CSS, and JavaScript for managing boards and tasks.

Chatbot using LLM and Generative AI

- Developed a conversational chatbot using large language models for natural interaction.
- Implemented prompt engineering techniques and optimized context handling for improved responses.

Education

Bachelor of Technology in Computer Science (Artificial Intelligence)

2021 – 2025

Dr. A.P.J. Abdul Kalam Technical University, Lucknow

CGPA: 7.93/10

Senior Secondary (Class 12), Central Board of Secondary Education — 86.4%

High School (Class 10), Central Board of Secondary Education — 95%

Learning & Interests

Learning and exploring AWS services (EC2, S3, IAM, Lambda), building dashboards using Tableau, and interests in reading and traveling.

Extracurricular Activities

Member, Odyssey (Literature Committee), AKTU — Engaged in organizing and participating in literary events and activities.

Head Captain, Nehru House (Class 11–12) — Led teams, coordinated inter-house competitions, and fostered collaboration.

Head Captain, St. Teresa House (Class 9–10) — Managed junior house activities, events, and student participation.