Shashank Pandey

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EDUCATION

Motilal Nehru National Institute of Technology — **May 2019 – June 2023**
Chemical Engineering - ***CGPA* - *8.26*** — *Allahabad, India*

Scholar's Home Hr.Sec. School — **2018**
12th** Standard* - ***Percentage* - *87.40% — *Satna, India*

Christukula Mission Hr.Sec. School — **2016**
10th** Standard* - ***Percentage* - *84.83% — *Satna, India*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management System (DBMS)
- OOPS Concept
- REST APIs
- Backend Development

INTERNSHIP AND EXPERIENCE

Attentive AI — **JAN 2023 – JUN 2023**
Software Engineer Intern(Backend Developer)

- Worked on **Django REST framework** for building Web APIs.
- Developed the backend & built APIs for **Employee-Device Management System** during learning phase.
- Handled, designed and improved the **admin panel** of all django models of ongoing project.
- Solved more than 20 bugs/ Jira issues related to the backend.

Larsen and Toubro Infotech Limited — **MAY 2022 – JUL 2022**
Software Engineer Intern

- Worked on Asset Performance Monitoring software with **SAP ERP** for Gas Station based on Digital Twin Technology.
- Worked on Anylogic digital simulator and used the concept of **OOPs**.

Coding Ninjas — **AUG 2022 – OCT 2022**
Teaching Assistant

- Taught students about Data Structures, Algorithms and OOPs and solved related doubts.

PROJECTS

Book Reading Event Management System | Django, Python

- Designed APIs for this event management application in a geographical location with a single timezone.
- Integrated the authentication system for login/signup.
- Implemented validations and filters in the application.

Brick Crusher | Unity, C#

- A brick-breaker style game developed for Windows platform.
- Implemented timer system for ball. Ball changes for fixed amount of time when hit with special type of brick.
- Used Singleton design pattern and object-oriented programming.

Simulzione

- Solved the Vanderwaal Equation of real gas by using MATLAB code and numerical computational methods.

TECHNICAL SKILLS

Languages: C, C++, Python, SQL
Frameworks: Django, Django Rest Framework
Technologies: Git, GitHub, VS Code, Postman, Jira, Confluence, PostgreSQL, MySQL, MATLAB

ACHIEVEMENTS AND EXTRACURRICULAR

- Won Avishkar Events like SIMULAZIONE, COMPRESS-E-EXCEL & MIND THE PATH.
- Got AIR 523 in ICAR-AIEEA conducted by NTA.
- Rank 1 at National Yoga Competition Event, Mysore.

HOBBIES

- Playing chess, Yoga, Listening calm music