Aditya Kumar Gupta

Student

Excellent problem-solving skills and ability to perform well in a team.

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github.com/adit098 ⓞ

EDUCATION

B.Tech , Computer Science and Engineering

Indian Institute of Information Technology, Design & Manufacturing, Jabalpur

08/2018 - Present   *Current CPI: 8.5/10*

Senior Secondary Examination (Class XII) (CBSE) (2017)

Central Hindu Boys' School(BHU)

Percentage: 82.8%

Higher Secondary Examination (Class X) (CBSE) (2015)

Central Hindu Boys' School(BHU)

CGPA: 10/10

PROJECTS

Hostel Management Module (IIITDM Jabalpur ERP) (01/2021 - Present) ⧉
- Working with a team of four members, to provide all the features to students and hostel staff to manage hostel-related activities like Hostel Allotment, Staff scheduling, Notice Board, Workers monthly Report.
- Tech Stack: Python, Django, JS, Semantic UI.

RSA Cryptography - Under Prof. Neelam Dayal (03/2021 - 04/2021) ⧉
- Implemented RSA algorithm from scratch that will be used for secret key encryption and digital signature. The Client and Server applications exchange confidential message using Simplified AES algorithm to provide authentication, integrity and key sharing among both the client and server.
- Tech Stack: Python, Socket.io.

Simple Social Media App ⧉
- This is a simple clone of social apps. Users can signup, log in, create groups, create posts in any group, delete his/her posts, see all the posts. Any users (Whether logged in or not) can see the created groups by the authenticated users.
- Tech Stack: Python, Django, JS, Bootstrap.

Blog App ⧉
- This is a simple blog like functioning application, where authenticated users can create, remove, update posts, and comment on posts. I used medium-editor, bootstrap, and pagination for a better look at the application. The user has the option to publish a post or not. Unpublished posts get posted in the Draft section.
- Tech Stack: Python, Django, JS, Bootstrap.

Primary Health Center(PHC) - Under Prof. Pritee Khanna (08/2019 - 11/2019) ⧉
- A Web Application designed to keep an online database of medicines availability, medicines prescribed, doctors, daily patients register, doctor-timings, etc.
- Tech Stack: PHP, MySQL, HTML/CSS, Bootstrap.

SKILLS

Skill	Level
Python	●●●●●
Django	●●●●●
C++	●●●●●
Data Structure & Algorithms	●●●●○
Web Development	●●●●○
DBMS	●●●●○
Git/Github	●●●●○
HTML/CSS	●●●●○
Java	●●●○○
JavaScript	●●●○○
PHP	●●●○○

CERTIFICATES

Neural Networks and Deep Learning (Coursera) ⧉

Problem solving Aspects and Python Programming by NPTEL(2020)

Participation in AI Workshop 2k19

LANGUAGES

English
Professional Working Proficiency

Hindi
Native or Bilingual Proficiency

ACHIEVEMENTS

Solved more than 500 problems on Codechef, HackerRank, HackerEarth and other platforms.

InfyTQ 2021 Final Round Qualified   Hactoberfest 2020

JEE Advance(2018) AIR: 14000

NCC (National Cadet Corps) Training (2013-15)

Poem Published in School's Yearly Magazine(Srijan)