Abhishek Chaurasia

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EDUCATION

ABV-INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT (IIIT GWALIOR)
INTEGRATED B.TECH. IN INFORMATION TECHNOLOGY
June 2022 | Gwalior(M.P.), India
Cum. GPA: 7.74 / 10.0 (Latest)

NAV JEEVAN MISSION SCHOOL
Deoria(U.P.), India
CBSE XII | 77.80% | 2016
CBSE X | CGPA: 9.20 | 2014

LINKS

LinkedIn:// **iamabhishek0**
LeetCode:// **iamabhishek0**
Github:// **iamabhishek0**
InterviewBit:// **iamabhishek0**
HackerEarth:// **iamabhishek0**

SKILLS

PROGRAMMING
C • C++ • Python

DEVELOPMENT
Django • Flask • React • MySQL
HTML • CSS • Bootstrap • JavaScript

EXPERTISE
Data Structure • Algorithm • OOPS
Web App Development • Bash Scripts

FAMILIAR WITH
REST Framework • WebSockets
System Design • Git • DevOps
Heroku • Google App Engine • AWS

COURSEWORK

CURRICULUM
Data Structures
Design and Analysis of Algorithms
Database Management System
Computer Networks
Operating System
Cloud Computing

EXPERIENCE

Rakuten India | SDE Intern
March 2021 – June 2021 | Work from Home
- Developed a Code Coverage Desktop App that can calculate the code coverage of manual testing for Java Spring Boot Web Apps.
- Code Coverage tool was made using Electron and React and
- The App is being used internally for monitoring Code Coverage for manual and automated tests by various teams at Rakuten India.

Major League Hacking | MLH Open Source Fellow (Fall 2020)
October 2020 - December 2020 | Remote
- I contributed to **KiwiTCMS**, it is the leading open source test management system for both manual and automated testing made using Django.
- I worked on adding automated test cases to improve the code coverage of the various modules of the Web App and closed 7 **issues** .

PROJECTS

CUSTOM SUDOKU SOLVER | Django, Python | Link
- Custom Sudoku Solver can solve any unsolved Sudoku.
- To solve the Sudoku it uses the Backtracking algorithm.

REAL-TIME CHAT APPLICATION | React, Express, Socket.io | Link
- Using this Web App, Users can join a Room and chat with their Friends.
- Messages are sent using bi-directional WebSocket Connection.

POLIASTRO REST API | Flask | Link
- This prototype was created for my Google Summer of Code project.
- Backend receives function paramters via REST Api call, it then executes the poliastro library function with the parameters and returns the JSON response back to the Client.

OPEN SOURCE CONTRIBUTIONS | Poliastro, KiwiTCMS, SymPy
- **Poliastro**: Worked on extending the Atmospheric Properties Module of the library and other bug fixes.
- **KiwiTCMS**: Worked on increasing the code coverage by writing Automated tests.
- **SymPy**: Migrating code from Python2 to Python3 and bug fixing.

ACHIEVEMENTS

2021	Secured Rank 102 in ICPC Kanpur-Mathura Regionals
2021	Secured Rank 170 out of 7244 Teams in ICPC Amritapuri Prelims
2021	Secured Global Rank 1878 in Google Hash Code
2020	In Top 3 position during Smart India Hackathon 2020 Internal Hackathon

POSITION OF RESPONSIBILITY

2020	President	Rotaract Club of Youth	IIITM, Gwalior
2018	Event Executive	TEDxABVIIITMG