Vivek Rai
Software Developer Engineer

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EDUCATION

B.Tech, ECE
Motilal Nehru National Institute of
Technology Allahabad
07/2018 - Present,   *CPI - 8.88*

Intermediate
Rani Laxmi Bai Memorial School, Lucknow
04/2015 - 03/2017,   *Percentage - 97.6*

High School
Netajee Defence Academy, Gorakhpur
04/2013 - 03/2015,   *CGPA - 10*

WORK EXPERIENCE

Server Technology Intern
Oracle ↗
05/2021 - 07/2021,
Achievements/Tasks
- Worked in OCE(Oracle Content & Experience) Team.
- Build a Custom UI for displaying and visualizing alarms data coming from legacy and current infrastructure sources.
- Implemented search functionality based on different attributes like host name, regions, host class and other monitoring metrices like pod_not_ready, server_down, etc,
- Developed a system to predict alarms firing simultaneously based on historical data.

Teaching Assistant
Outscal ↗
08/2021 – 10/2021,
Achievements/Tasks
- Developed Content, Assignments and Quizzes for C++ Course.
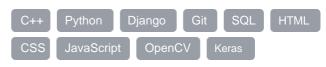- Solved doubts of students for C++ course.

AREAS OF INTEREST

Data Structures and Algorithms

Web Development

Deep Learning

SKILLS

C++   Python   Django   Git   SQL   HTML
CSS   JavaScript   OpenCV   Keras

PERSONAL PROJECTS

AI-PROCTORING-MATE (03/2021 - 04/2021) ↗
- It Is an end-to-end Examination Portal, with AI-proctored student's Interface for taking the test, and a Web app for Teachers/Online Quiz creators; for creating quizzes, viewing responses, and sending Feedback to students.
- Web Portal is developed with Django in the back-end, SQLite3 for database, HTML, CSS, Bootstrap & JS for Frontend & User Interactivity.
- The student's end interface was developed with Tkinter.
- The Proctoring part involves the use of python packages like - dlib,openCV & 68_facial_landmark data.

EDU SQUAD (09/2020 - 10/2020) ↗
- An Interactive virtual study platform for students and teachers.
- Developed with Django in Back-end, SQLite3 for database, HTML, CSS & Bootstrap for the Frontend.
- Recommender System using KNN and Web scraping using selenium has been implemented for Course & Study Material recommendation.

CERTIFICATES

MACHINE LEARNING of Stanford University, Andrew Ng (Coursera) ↗

DEEP LEARNING AND NEURAL NETWORKS by deeplearning.ai (Coursera) ↗

ACHIEVEMENTS

Winner of Logical Rhythm Event (ML based) of Avishkar 2020 (MNNIT Allahabad). ↗

Runner Up in Codotron Event (ICPC based coding event) of Avishkar 2020 (MNNIT Allahabad). ↗

Second Runner Up in Softablitz Event of Avishkar 2018 (MNNIT Allahabad). ↗

Rank 20th (out of 2000+ participants) in Cascade Cup'20 , a Data Science Hackathon organised by IIT GUWAHATI. ↗

In Top 20 (out of 200+ teams) in Hack36 4.O , a premiere Hackathon of MNNIT Allahabad. ↗

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency