NIKHIL KUMAR

Male, 20 years | English, Hindi, Magahi | nikhil.kumar707128@gmail.com | LinkedIn | GitHub | Blogs | Bengaluru, KA

Educational Qualifications			
B.E (Information Science)	~2024	Bangalore Institute of Technology, Bengaluru	8.56/10 (current)
Senior Secondary (Class XII)	2020	C. R. Oasis Sr. Sec. School, New Delhi	8/10
Higher Secondary (Class X)	2018	De Nobili School, Sijua, JH	95.6 %

Miscellaneous: Git, Shell Scripting, SQL* * Elementary Proficiency Operating System: Windows, Linux, Mac
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Experience		
TAKSHA	 Launched a startup, catering to students for tier 3 through faculties from esteemed varsities like IITs, NITs, BITS, etc. Contacted local schools and stakeholders to start a co-learning space for students Compiled and analyzed data of the K-10 segment in tier 3 cities to devise the cost and financials of the institution Assessed the team in hiring of mentors and operations of centers 	Nov 2020 - Jun 2021
конаі	 Collaborated with a team of psychologists in analyzing data to provide mental wellbeing cure to school students Analyzed and produced reports allowing to monitor various indices and patient's needs closely Actively assisted in quantitative analysis of predictive models using various machine learning tools to address treatment issues 	Mar 2021 – Jun 2021
CP Expert: OSCODE	 Tested and verified the correctness of over 100 programming problems included in competitive programming contests in the college. Designed exhaustive sets of testcases to evaluate solutions submitted by over 50+ candidates on each problem 	Oct 2021 – Apr 2022
Opensource Contributor: GSSOC	 Selected in GSSOC, a 3 months program conducted by Girl Script with focus on Opensource. Applied knowledge of git and bash commands through contribution to multiple projects 	Mar 2022 - May 2022
Teaching Assistant: Microcontroller Laboratory	 Prepared lessons according to course outline to convey required material and deepen student understanding of subject matter Taught small groups of students focused on specific parts of coursework Graded assignments, proctored tests according to processes outlined by professor, department and university 	May 2022 – Sept 2022

Projects	
Automate Product Categorizing	 Built this project for an ecommerce startup to automate the process of categorizing products on the basis of color. Based on PowerShell command, wherein takes hundreds of Images as input. Utilizes. Open-CV for color identification & uploads the report(.csv) on Google Drive Tech: Python, Computer Vision, Shell Script, APIs
Stock Clustering	Developed a Company Stock groups based on stock price co-relation using ML - Model can be used for risk diversification for investment in Stock Market. Implemented the project using algorithms such as LR, KNN and Random Forest Tech: Scikit-Learn, Matplotlib, Pandas, Jupyter Notebook
Disease Identification on Tomato Plant	Project focused on classification of diseases in Tomato Plant - Cleaned the image dataset and developed image processing pipeline for efficient extraction of symptoms from plant - Trained the segmentation model on a custom architecture using VIT to integrate Resnet101 Tech: Python, FastAI, PyTorch, HuggingFace

Honors &	HackerRank: 5 ★ in Problem Solving, 5 ★ in Python
Accomplishments	CodeChef: 3 🚖 , Highest Rating 1748
	Secured 98/100 in CISCE 2018, Computer Science

obbies
