

Abhinav Karnatak

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github.com/abhinavkarnatak-dev

Education

University Of Petroleum And Energy Studies <i>Bachelor of Technology in Computer Science Engineering</i>	2021-2025 Dehradun, Uttarakhand
Aryaman Vikram Birla Institute Of Learning <i>Senior Secondary Education</i>	2021 Haldwani, Uttarakhand
BLM Academy <i>Secondary Education</i>	2019 Haldwani, Uttarakhand

Experience

HERE Technologies <i>Data Engineer Intern</i>	June 2024 – July 2024 Remote
<ul style="list-style-type: none">Developed and maintained web scraping scripts using Scrapy and BeautifulSoup to efficiently extract store data from various online sources.Cleaned and organized scraped data, ensuring accuracy and completeness for use in company databases and applications.Collaborated with team members to troubleshoot and resolve issues related to web scraping processes and data extraction.	

Projects

NN-Based Classification, Detection of Streaming Images <i>Python, OpenCV, Machine Learning</i> Github	May 2024
<ul style="list-style-type: none">Executed real-time object detection and classification algorithms, leveraging machine learning methodologies to swiftly identify and categorize potential threats or entities captured within the monitored environment.Seamlessly integrated a user-friendly graphical user interface (GUI) equipped with recording and screenshot functionalities.Facilitated effortless monitoring of surveillance activities for comprehensive analysis and review purposes.	
SudoWiz: Interactive Sudoku Solver <i>React.js, Tailwind CSS, HTML, CSS, JavaScript</i> Github	July 2024
<ul style="list-style-type: none">Developed an interactive Sudoku solver using React and Tailwind CSS to provide a responsive and user-friendly interface.Implemented a backtracking algorithm to efficiently solve Sudoku puzzles and highlight solved cells.Created features for input validation, puzzle solving, and grid resetting, ensuring seamless user experience across different devices.	
AviaGeek - Aircraft Model Encyclopedia <i>React.js, Tailwind CSS, HTML, CSS, JavaScript</i>	Ongoing
<ul style="list-style-type: none">Developing and launching AviaGeek, an online platform providing detailed information on aircraft models.Curating and organizing extensive content covering various aircraft manufacturers, including Airbus, Boeing, and ATR, to cater to aviation enthusiasts, students of aeronautics, and individuals curious about airplanes.Implementing user-friendly features to enhance the learning experience without relying on complex technologies.	

Technical Skills

Languages: HTML, CSS, JavaScript, Python, C++, Scala
Technologies: React, Tailwind CSS, Bootstrap, jQuery, OpenCV, Tkinter (GUI)
Concepts: Front-end Development, Artificial Intelligence, Machine Learning, Neural Networks
Tools: Git, GitHub

Position Of Responsibility

Student Placement Representative (SPR) <i>University Of Petroleum And Energy Studies, Dehradun</i>	Sep 2023 – Present
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