

Vansh Sachdeva

Portfolio: MrArthor.study
Github: github.com/MrArthor
EDUCATION

Email: vksvs25@gmail.com
Mobile: +91-701-722-7878
LinkedIn: [Linkedin.com/in/MrArthor](https://www.linkedin.com/in/MrArthor)

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- Jaypee Institute Of Information Technology** Noida, India
Bachelor of Technology - Computer Science And Engineering; GPA: 7.5 July 2019 - June 2023
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, NLP, Big Data
Networking, Databases, Web Technologies And Cyber Security, Cryptography
- SKILLS SET**

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- Languages:** Python, C++, JavaScript, SQL, NoSQL, HTML, CSS.
 - Frameworks:** Scikit, NLTK, Keras, ReactJs, MERN, NodeJS, NumPy, Pandas.
 - Soft Skills:** Leadership, Event Management, Writing, Public Speaking.

EXPERIENCE

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- Olimpio DigiLabs LLP** Bangalore
Full Stack Developer (Full-time) June 2023
 - Aim Of Project -:** In partnership with the new product development team, execute the deployment of Spin-Off (Hyper Local Delivery Services) components within a comprehensive agreed deadline.
 - Tech Used- :** NodeJs, MongoDB, Express.Js, React.Js, And 5 More technologies
 - Birla Institute of Technology and Science, Pilani** Remote
Student Research Intern (Full-time) April 2022 - July 2022
 - Topic Of Research Project:** Privacy-Preserving Federated Learning for UAV-Enabled Networks: Learning-Based Joint Scheduling and Resource Management. Along with 5 other team members
 - Domain Of Project:** Internet Of Things, Federated Learning, UAVs Based Networks & Privacy Preservation, and 2 more things.
 - Project Supervisor::** Dr. Vinay Chamola, SMIEEE (PhD, National University of Singapore with 10+ years of experience).
 - Olimpio DigiLabs LLP** Bangalore
Full Stack Developer Intern (Full-time) June 2022 - July 2022
 - Aim Of Project -:** To Develop And Deploy various components of a Full Stack Vivo VBA Loyalty App, while working on all three phases of product development
 - Tech Used- :** NodeJs, MongoDB, ReactJs, Payment API, HTML5, CSS, And 5 More technologies.
 - Impact:** The site deployed has catered to more than 50000 Customers.

PROJECTS

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- React.Js Front-End Development:** Web-Link multiple-page dynamic websites were created to enhance web-development skills and concepts. Tech: HTML5, CSS, Bootstrap, JavaScript, JQuery, Ajax. September 2023
 - Machine Learning Powered Healthcare Management System:** (Website URL For The Repository) Makes the overall work of the healthcare institute easier and provides better results in mental and women health-related fulfilled problems. Capable of serving 1000+ users simultaneously Tech: JavaScript, ReactJs, TensorFlow, Sklearn and 2 more. May 2023
 - Netflix-with-Admin-Dashboard:** Repository Link Developed a full-stack web app that enables browsing, searching, filtering, and authenticating movies and Series. Efficiently built a high-performance streaming and management system for uninterrupted playback and streamlined administration of multimedia content. Tech: Leveraged HTML, SASS, React, Axios, Material-UI, and 5 more technologies. June 2023
 - Mental Health Prediction Using Machine Learning:** (Hyperlink For The Project Repository) Developed a project focusing on the crucial aspect of reducing the risk of serious mental disease, mental health prediction, and how it can be used as a theoretical foundation to develop plans for behavioural therapies for healthcare workers in the Department of Public Health. Using a database with 10,000 records Tech: Python, Keras, Intel Extension for Scikit Learn, Scikit Learn, Kaggle. Nov 2022
- PUBLICATIONS**

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- Research Paper: Performance Analysis Of Machine Learning Algorithms In Credit Card Fraud Detection:** Research paper submitted and accepted at RAMSA Conference in 2022. Tech: Scikit-Learn, Python Sept 2023

ACCOMPLISHMENTS

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- Winner:** In Top of 8 Teams Hack-O-Heist- A global 24-hour virtual hackathon organised by IEEE CS CS ADGITM, Delhi which had more than 100teams, 80+ Submission. August 2022
 - Winner:** HackingHeist2.0 A global 48 hours long hackathon Organized By Inaxia And Major League Hacking. June 2022

COURSES AND TRAINING

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- Google Cloud Program** Noida, India
Completed Cloud Track Of Data Science & ML Track in 30 Days of GCP 2021 October 2021 -November 2021
 - Wipro-Nasscom Future-skills** Noida, India
Courses like AI, Cyber Security UI/UX by various MNCs & Colleges. May 2021 - May 2022