

Vansh Sachdeva

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

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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 SUMMARY
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- **Languages:** Python, PHP, C++, JavaScript, SQL, Bash, JAVA.
 - **Frameworks:** Scikit, NLTK, Keras, ReactJs, MERN, NodeJS, NumPy, Pandas.
 - **Soft Skills:** Leadership, Event Management, Writing, Public Speaking.
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- EXPERIENCE

- **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.
 - **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).
- **Olimpio DigiLabs LLC** 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, JavaScript, Google Analytic, SEO.
 - **Impact:** The site deployed has catered to more than 50000 Customers.
- **Freelancing** Remote
Web Developer (Part-time, Contractual) *June 2021 - July 2021*
 - **Aim Of Project -:** To Develop And Deploy a website for an Art Store start-up within a tenure of 1 month.
 - **Tech Used- :** PHP, MySql, STRIPE Payment API, HTML5, CSS, JavaScript, Google Analytic, SEO.
 - **Impact:** The site deployed has catered to more than 5000 Customers.

PROJECTS

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- **Machine Learning Powered Healthcare Management System:** (Link 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, Kaggle, HTML, CSS. May 2023
 - **Mental Health Prediction Using Machine Learning:** (Link For The Repository) Developed a project focusing on the crucial aspect of reducing the risk of serious mental disease, which is 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
 - **Blockchain Based Chat Application:** (Link For The Repository) Cryptographic applique - Building a decentralized messaging app using the Ethereum blockchain. capable of serving 100 users simultaneously at the lowest gas price Tech: JavaScript, ReactJs, Web3, Solidity, Ganache, truffle, Infura API. June 2022
 - **Statistical Analysis Of Machine Learning Algorithms:** (Link For The Repository) Controlled a team of young enthusiastic developers into performing Statical Analysis of 10+ Machine Learning Algorithms with a database of credit card fraud with 120K records. Tech: Python, Keras, Intel Extension for Scikit Learn, Scikit Learn, Kaggle. May 2022
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- PUBLICATIONS

- **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 Dec 2022
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- ACCOMPLISHMENTS

- **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
 - **Third Position:** at Reboot'21 a Competitive Programming event organized by the Tech Society, Dept of Computer Science, Mata Sundari College for Women, DU. April 2021
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- COURSES AND TRAINING

- **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*