Vansh Sachdeva

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EDUCATION

- **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

- **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

- **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 diverse components within a comprehensive Full Stack Development Project.
  - **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

- **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

- **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

ACCOMPLISHEMENTS

- **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

- **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*