Vansh Sachdeva

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EDUCATION

- **Jaypee Institute Of Information Technology** — Noida, India
  Bachelor of Technology - Computer Science And Engineering; GPA: 7.6 — *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

- **Languages**:   Python, PHP, C++, JavaScript, SQL, Bash, JAVA.
- **Frameworks**:   Scikit, NLTK, Keras, ReactJs, MERN, NodeJS.
- **Tools**:   Docker, GIT, PostgreSQL, MySQL, MongoDB.
- **Platforms**:   Linux, Web, Windows, Raspberry, AWS, GCP.
- **Soft Skills**:   Leadership, Event Management, Writing, Public Speaking.

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.

- **JSP Projects Pvt Ltd** — Nehru Nagar, Ghaziabad
  Data Analyst (Part-time, Contractual) — *August 2021 - November 2021*
  - **Aim Of Project -**: The company's business model was used in the design and implementation of a model to forecast the crucial details, increasing efficiency by 95%.
  - **Impact**: Designed the formulation for competitive bids which prevent losses and damages that might occur throughout the project, which led to producing more precise predictions about costs, time requirements, resource requirements and other things. for 5 departments of the company

PROJECTS

- **Blockchain Based Chat Application**: 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**: Research-oriented, open source, a thorough analysis of more than 10 classical machine learning and deep learning algorithms on an imbalanced dataset & effect of imbalanced Learning is studied in the experiments. Tech: Python, Keras, Intel Extension for Scikit Learn, Scikit Learn, Kaggle. — May 2022

- **Python Programming**: More than 10 GUI projects developed to showcase skill sets in python ranging from basic game development to mid-level data analytics & data science. Tech: Python, Tkinter, NumPy, Panda, Keras &Django. — June 2021

- **MERN Stack Project(s**: Developed 4+ projects, a campground review Portal and a Patient Management Portal, an E-Commerce Site For Cafes, a portal for NGOs & many more projects were programmed. Tech: MERN Stack. — March 2021

- **Front-End Development Project**: Various single and multiple pages static websites were created for enhancing the web-development skill and concepts. Tech: HTML5, CSS, Bootstrap, JavaScript, JQuery, Ajax. — December 2020

HONORS, AWARDS AND COMPETITIONS

- **Winner**: In Top of 8 Teams Hack-O-Heist- A global 24 hours 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
- **Attended**: HackNSUT22' a hackathon organised by the IEEE student branch of NSUT, Delhi. — March 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

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*