Harsh Vardhan Sharma

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Technical Skills

Languages: C++, Python, JavaScript
Technologies: Pandas, Numpy, React.js, Node.js, Express.js, jQuery, Bootstrap, SQL & NoSQL, Git, Azure
Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Modelling, Agile Methodology,

Experience

USICT   Aug 2023 – Sep 2023
Summer Trainee   *Dwarka, Delhi*

- **Linux Proficiency:** Successfully executed Linux installations and developed a strong grasp of file handling within the Linux environment. Acquired hands-on experience with various Linux commands and utilities.
- **Operating System Boot Process:** Delved into the intricacies of how operating systems boot and gained a comprehensive understanding of the entire process. This knowledge extends from the initial startup procedures to the seamless execution of programs.
- **Practical Application:** Applied theoretical concepts in a practical setting, enhancing problem-solving skills related to operating systems and x86 architecture. This included troubleshooting and resolving issues encountered during the training.
- **Collaborative Learning:** Worked collaboratively with peers, fostering a dynamic learning environment. Participated in group activities, discussions, and problem-solving sessions, gaining exposure to diverse perspectives and approaches.

Projects

🔗 **Vidtube** | *Node.js, Express.js, MongoDB*
- Working on developing a backend for a youtube like app. Implemented a Subscription, Watch History pipelines in MongoDB and introduced a tweet feature.
- Designed and deployed a scalable RESTful API using Express Framework of Node.js.

🔗 **CarawINN** | *React.js, Tailwind CSS, Node.js, Express.js, MongoDB*
- Developing a platform where tourists can take luxury caravan rides for hire, providing travellers with home-kind amenities inside and looking to make a new definition for travelling experience with CarawINN.
- Technology on which this project will be designed and developed is MERN Stack.

Education

University School of Information, Communication & Technology, GGSIPU   Expected Aug 2025
Bachelor of Technology in Electronics and Communication (GPA: 8.014 / 10.00)   *Dwarka, Delhi*

- **Relevant Coursework:** Data Structures and Algorithms (C++), Prob & Stat in CS (Python), Intro to CS II (C++), Linear Algebra w/Computational Applications (C++), Operating Systems

Certificates & Achievements

- **Web Delvelopment Bootcamp:** Successfully completed a comprehensive web development bootcamp on Udemy, acquiring in-depth knowledge and practical skills in modern web development technologies.
- **IoT Training:** Certificate of Hands-on-Traning in IoT by IIC-IPU.
- **Tata Imagination Challenge:** Demonstrated problem-solving and innovative thinking by qualifying for the pre-final round of the Tata Imagination Challenge.

Leadership Roles

- **Training & Placement Cell:** Took on a pivotal role as a core member of the institute's placement committee, overseeing the successful execution of placement drives and nurturing strong relations with recruiting companies.
- **Anugoonj:** Orchestrated and managed various cultural events, showcasing adept organizational skills and attention to detail.
- **Microsoft Learn:** Served as a Student Ambassador at Microsoft Learn Community, actively engaging with the community to promote learning initiatives and technological advancements.