



AAYUSH DEWANGAN

B.Tech - Data Science and Artificial Intelligence
International Institute of Information Technology Naya Raipur, India
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EDUCATION

International Institute of Information Technology, Naya Raipur <i>B.Tech in Data Science and Artificial Intelligence</i>	8.71/10 <i>Dec 2020 – Present</i>
Krishna Public School, Bhilai <i>Senior Secondary (CBSE)</i>	92%/100 <i>May 2018 – May 2019</i>
Krishna Public School, Bhilai <i>Secondary (CBSE)</i>	10/10 <i>May 2016 – May 2017</i>

EXPERIENCE

Developer Intern <i>CGNet Swara</i> <ul style="list-style-type: none">Worked on the backend part for two of the existing mobile apps named MobileSatyagraha and YatraApp.Contributed to Flask's compatibility with the latest Python version and hosted applications on AWS.	Sept 2021 – Feb 2022
Data Science and Business Analytics Intern <i>The Spark Foundation</i> <ul style="list-style-type: none">Worked on retail store datasets to identify weak areas and recommend profit-enhancing strategies to business managers.Developed a hybrid model for stock price and performance prediction by combining numerical analysis of historical stock prices with sentimental analysis of news headlines, enabling more accurate forecasts.	July 2022 – Aug 2022

PROJECTS

Blockchain Enabled Federated learning <i>Python, Keras, Fed-Avg, PoS, Pycryptodome</i> <ul style="list-style-type: none">A decentralized Federated Learning framework, addressing vulnerabilities in centralized FL architecture.Introduced decentralized validation mechanism and proof-of-stake consensus to ensure legitimate model updates and prevent disruptions.	July 2021 – Oct 2021
CPU Scheduling Visualizer <i>HTML, CSS, JavaScript, Chart.js, Node.js</i> <ul style="list-style-type: none">A comprehensive CPU scheduling algorithms visualizer showcasing 9 core scheduling strategies, including FCFS, SJF, RR, LJF, Priority, and others.Seamlessly implemented scheduling visualization, offering dynamic comparison insights for improved understanding and decision-making.	Jan 2023 - Feb 2023
Blood Donation Management System <i>Python, Django, HTML, CSS, MySQL</i> <ul style="list-style-type: none">Full-stack DBMS project that helps Admin to manage blood stock, donors, and patients. Donors can donate/request blood. Patients can request blood.Implemented user authentication, data management, and request tracking.	Feb 2022 – March 2022

POSITION OF RESPONSIBILITY

- Training and Placement Cell:** Contributing to the Training and Placement Cell as a senior coordinator
- Marketing Head at Technovate 2022:** Led a big marketing team, and devised impactful and innovative marketing strategies for Central India's premier techno-cultural fest.

TECHNICAL SKILLS

Languages: C++, Python, SQL, JavaScript, HTML, CSS
Developer Tools: Git, Google Cloud Platform, Visual Studio, MySQL, PyCharm, CI/CD.
Frameworks/Libraries: Flask, Django, React, Chart.js, RestAPI, Selenium, TensorFlow.
Soft Skills: Problem-Solving, Analytical Thinking, Leadership, Communication, Business Acumen.

ACHIVEMENTS

- Solved 1000+ problems on Data Structure & Algorithms, showcasing comprehensive problem-solving skills.
- 5 Start on HackerRank (C++, Python, SQL)
- I hold the 29th position among all the students (500+) across all batches at my institution on GeeksforGeeks.
- Received certificate of recognition for exemplary organization of E-Summit 2022 at IIIT Naya Raipur campus.