Amritanshu Agrawal

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ABOUT

Passionate about data science, during my years of education, I have gained extensive project experience, excelling in project management and team coordination. My skills include developing robust solutions and translating business needs into impactful deliverables. Proficient in Python, with a keen interest in web development and UI/UX design. I am dedicated to continuous learning and excited to contribute data-driven insights to solve real-world problems, constantly striving to enhance user experiences through innovative workflows.

EDUCATION

- **NIIT University, Neemrana** — 2021-25
  Bachelor of Technology – Computer Science Engineering with specialization in Data Science; CGPA: 7.61

- **Dr. D Y Patil Pushpalata Patil International School, Patna** — 2019-21
  Senior-Secondary , 88%

- **Radiant International School, Patna** — 2010-19
  Secondary , 92%

PROJECTS

- **Smart Navigation and Monitoring of Students**
  Project *Manager*
  - Led the development of a solution to track students indoors and outdoors using RFID and GPS technologies.
  - Recognized with 1st prize at the Tech-Fair of siNUsoid v6.0, the tech-fest of NIIT University.
  - Developed a full-stack application and contributed to frontend development.

- **MET, A Video Conferencing Web-Application**
  Frontend Developer
  - A MERN-based full-stack application of a video-conferencing app.
  - Featuring the group-chat, emoji dashboard, enhanced user-experience.
  - Designed the user-friendly interface.

- **Stock Market Price Prediction: A Comparative Study of Various Models**
  Researcher
  - Conducted a comparative study of various predictive models as a team.
  - Analyzed performance using metrics such as Mean Absolute Error, Mean Squared Error, and Root Mean Squared Error among implemented models.

SKILLS

Languages	Python, HTML+CSS, JavaScript
Frameworks	TensorFlow, SciPy, NumPy, Pandas, Bootstrap, ReactJS, Express
Data Science	Data Analytics, Statistics
Tools	Git, GitHub, NodeJS, VS Code, Tableau, Jira, Figma
Areas of Experience	Web design and Development, Research
Soft Skills	Leadership, Team Management, Communication, Analysis

ACHIEVEMENTS / EXTRA-CURRICULAR ACTIVITIES

- SEO lead in Tech-team of GDSC NU, was part of the leads team who played role in successfully completing the Google Cloud Campaign, 2023 and placed our NIIT University in Tier-1 list.
- Volunteered in Tech and Sponsorship team in siNUsoid v5.0
- Won the Tech-Savvy Quiz in siNUsoid v7.0 among 30+ participants
- Won the 1st prize in Hackathon in siNUsoid v7.0, tech-fest of NIIT University.