

surbhi rana

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SKILLS

- Programming: Python, C++, Java
 - Web Development: HTML, CSS, Bootstrap
 - Database Management: MySQL
 - Frameworks & Tools: Django, Bootstrap
 - AI/ML & GenAI: Machine Learning, Generative AI (GenAI)
 - Project Management: Planning, Execution, Adaptation
 - Problem-Solving: Analytical, Troubleshooting
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PROJECTS

Nostalgia Chronicles

What I Did:

- Developed "Nostalgia Chronicles", a Django-based platform for personalized nostalgic content.
- Built a clean UI using HTML, CSS, JS, and Bootstrap.
- Integrated generative APIs for dynamic content curation.
- Designed with a nostalgic theme to enhance user engagement.

Potential Impact:

- Delivers content that evokes positive emotions, fostering strong emotional user connections.

Travel Buddy Finder

What I Did:

- Developed "Travel Buddy Finder", a web platform for connecting compatible travel partners using Django (Python).
- Designed user-friendly forms and interfaces with HTML, CSS, JS, and Bootstrap for seamless interaction.
- Used Django ORM for database management and implemented a matching algorithm based on personality and destinations.
- Enabled smooth communication between matched users for efficient trip planning.

Potential Impact:

- Aims to improve travel experiences by helping users find compatible companions, minimizing conflicts, and maximizing enjoyment.

Neurosense

What I Did:

- Developed a brain segmentation model using Python and TensorFlow to segment brain tissue in MRI scans.
- Applied data preprocessing and deep learning techniques to optimize segmentation accuracy.

Potential Impact:

- Enhances medical imaging for better diagnosis and treatment planning.
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ACHIEVEMENTS

- Lead, R&D Team, E-Cell Club: Directed a 5-member team, driving a 30% increase in student engagement through innovative projects and workshops.
 - Hackathon Experience: Participated in Smart India Hackathon, 5th Technovation Hackathon, 6th Technovation Hackathon, and other national/inter-university competitions, gaining hands-on experience in teamwork and problem-solving.
 - Technical Exploration: Explored AI/ML and Web Development working on diverse projects to expand technical proficiency.
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CERTIFICATIONS

- Java Fundamentals And Database Foundation And Database Programming with PL/SQL (ORACLE)
 - DS Ai/ML (Bootcamp)
 - Amazon Web Services (Amazon)
 - Project Management: Planning, Execution, Evaluation And Control and Managerial Economics (NPTEL)
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EDUCATION

- Bachelors of Technology in CSE
Sharda University, Delhi | Sept 2022 – Present | GPA: 9.2(Till 5th Sem)
- Intermediate
S.V.S.V.M, Rajendra Nagar(NCR) | 2021 – 2022 | Percentage: 95.6%
- Matriculation
S.V.S.V.M, Rajendra Nagar(NCR) | 2019 – 2020 | Percentage: 92.4%