ATISH KUMAR

Electrical Engineering
Indian Institute Of Technology, Jodhpur

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Github | Website
Linkedin

EDUCATION

•**Indian Institute of Technology, Jodhpur** — *2022-2026(expected)*
Bachelor of Technology in Electrical Engineering; CGPA: 7.18 (till 4th sem) — Jodhpur, India

•**CBSE Board** — *2020-2022*
Senior Secondary; Percentage: 96.2% — Hajipur, India

•**CBSE Board** — *2019-2020*
Secondary; Percentage: 94.6% — Hajipur, India

PROJECTS

•**HEART STROKE PREDICTOR** — *Mar 2024 – April 2024*
PRML Course Project

– An ML based project that predicts patients' risk of having a heart disease based on user input.
– Developed a stroke prediction model using machine learning, employing several algorithms like Decision Tree, K-Nearest Neighbors (KNN), Artificial Neural Network (ANN), Naive Bayes, and Random Forest.
– Tools & technologies used: Python, HTML, CSS, JS
– Website: Link
– Github: Link

•**TA Allocation System (Testing)** — *Dec 2023 – May 2024*
Design Credit Project

– Tested a Web Application to optimally match 1000+ Teacher Assistants (TAs) and 200+ Courses according to their preferences and availability.
– Resulting in the project being used by the institute in the beta version and reducing human labor by 80%

•**Portfolio Website** — *June 2024*
Self Project

– Made a full responsive website using HTML, CSS, JS.
– Tools & technologies used: HTML, CSS, JS
– Website: Link

KEY COURSES TAKEN

• Data Structure and Algorithms, Introduction to Computer Science, Pattern Recognition and Machine Learning, Probability Statistics and Stochastic process, Linear Algebra & Calculus, Signals and Systems, Digital Design

TECHNICAL SKILLS

• **Programming:** C/C++,Python,JavaScript
• **Tools & OS:** Git, Jupyter Notebook,Google Colab, Windows
• **Libraries/Frameworks:** Pandas, Numpy, scikit-learn
• **Web Skills:** HTML/CSS/JS

POSITIONS OF RESPONSIBILITY

•**Assistant Head Coordinator,** Cultural Fest (IGNUS), IIT Jodhpur — *Feb,2024*
•**Assistant Head Coordinator,** Sports Fest (VARCHAS), IIT Jodhpur — *Oct,2023*
•**Represented in Inter IIT Cult Meet 6.0,** Participated in Cultural Events, IIT Kharagpur — *Dec,2023*
•**Core Member,** Dramatics Society, IIT Jodhpur — *Present*

ACHIEVEMENTS

•**Qualified JEE Advanced** Ranked in the top 1.5% among 10 lakh candidates in JEE Advanced — *2022*
•**Qualified JEE Mains** — *2022*