

Arjit Bhardwaj

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Education

Malaviya National Institute of Technology, Jaipur, B.Tech in Electrical Engineering with minor in Computer Science Nov 2022 – Present

- CGPA: 8.73/10.0 (currently)

Position of Responsibility

IEEE Member (Membership No: 99318225) Aug 2024 – Present

Website Design Head, IEEE SB Website Jul 2024 – Present

Projects

FreeLync: A Platform for freelancers and hirers to connect with each other | GitHub Repository Link

Tech Stack: MERN Stack

- Developed a **freelancer-hirer platform** using the **MERN stack**, enabling freelancers to showcase projects and hirers to find suitable talent.
- Implemented **user authentication** using **JWT** and **bcrypt** for secure login and authorization.
- Integrated detailed analytics dashboards with **charts displaying revenue, work progress, and ratings** using **Chart.JS**.
- Built a **real-time chat application** for seamless communication.

Music Genre Classifier: Deep Learning-based music genre classification on spectrogram images | Link

Tech Stack: TensorFlow, CNN, EfficientNetB2, Streamlit, Render

- Developed a **music genre classification system** leveraging **EfficientNetB2** on spectrogram images derived from the GTZAN dataset.
- Employed **data pipelines** with **preprocessing and augmentation** for efficient model training.
- Designed an intuitive **Streamlit interface** for uploading spectrograms, displaying predicted genre and **confidence score**, and deployed it seamlessly on **Render**.

IEEE SB Website: Official website of IEEE Student Branch MNIT Jaipur | ieesb.mnit.ac.in

Tech Stack: HTML, CSS, JavaScript, Bootstrap, Node.js, Express.js, MongoDB

- Developed the official website for the **IEEE Student Branch MNIT Jaipur** leading a team of two with a **responsive and user-friendly interface**.
- Designed and implemented the **homepage, events database, about page, and contact form** for seamless navigation.

Skills

Languages: C++, Python, JavaScript, HTML, CSS, EJS

Developer Tools: Git, GitHub, VS Code

Framework & Libraries: Node.js, Express.js, React.js, Bootstrap, Tensorflow, Pandas, Numpy

Databases: MySQL, MongoDB

Concepts: DSA, ML, NLP, Deep Learning, DBMS

Certification & Competitive Profiles

Programming For Everybody (Getting Started with Python): University of Michigan, Coursera

Supervised Machine Learning: Regression and Classification: DeepLearning.AI, Coursera

Leetcode: https://leetcode.com/u/Arjit_29/

Codeforces: https://codeforces.com/profile/Arjit_29