

# Mrunalini Pachpute

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## SKILLS

- ❖ **Technical Skills:** Java, Data Structures and Algorithms, OOP, HTML, CSS (Bootstrap, Tailwind), JavaScript, NodeJS, ExpressJS, SQL, MongoDB
- ❖ **Software | Tools:** Git & GitHub, VS Code

## EDUCATION

- ❖ Artificial Intelligence and Data Science SGPA-9.18 | (2023-2027)  
Ajeenkya DY Patil School of Engineering, Pune
- ❖ X (ICSE Board) | Mount St. Patrick Academy 90.17% | 2021

## PROJECTS

- ❖ **Wanderlust Website:** Full Stack Development [Project Link](#) [Github Repo](#)
  - Built a full-stack travel listing platform using **MongoDB**, **Express.js**, and **Node.js**, with Azure Maps geocoding and securing authentication using Passport.js; deployed production-ready version within 2 months.
  - Integrated Cloudinary for image management improving upload efficiency by over **40%**.
- ❖ **MelodyStream Website:** Audio Streaming Application [Github Repo](#) [Project Video](#)
  - Designed a media tool to extract and stream song audio from YouTube videos based on user search using the YouTube Data API (Google Cloud), built with Node.js, Express, Axios, and HTML5 Audio.
  - Focused on clean API integration, real-time playback, and end-to-end full-stack functionality to explore advanced media workflows.
- ❖ **Portfolio Website:** Frontend Development [Project Link](#)
  - Developed a user-engaging personal portfolio with subtle animations, vibrant theme colors, and a responsive layout which boosted user interaction.
  - Integrated structured sections (About, Projects, Sparks, Contact) with seamless navigation and external links to GitHub, LinkedIn, and downloadable resume.
- ❖ **AksharNet :** Hackathon Project, IIT Bombay [Recognition Letter](#)
  - An AI Character Recognition System that is an image-based character recognition system in C++ and OpenCV for handwritten/printed text.
  - Secured 2<sup>nd</sup> place with PACE CODER title.
  - Enhanced accuracy through optimized feature extraction, logic and classification.

## ACHIEVEMENTS AND PARTICIPATION

Microsoft Learn Student Ambassador,  
BETA MLSA | [Certificate](#)  
Feb'2024-Present

NPTEL Topper 5% | Python for Data Science | IIT  
Madras | July-Dec'2024 | [Certificate](#)

Data Science Workshop IITB |(18-19, Dec'2024)  
[Certificate](#)

Smart India Hackathon (SIH), 2024 | [Certificate](#)