

Raghav Vashistha

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Objective

Aspiring Software Engineer with a strong foundation in MERN stack and Data Science, seeking an internship to apply and expand my skills in full-stack development and machine learning.

Technical Skills

- **Programming Languages:** JavaScript, C, C++, Python, SQL
- **Web Technologies:** React.js, Node.js, Express.js, TailwindCSS, Git
- **Database Systems:** MySQL, MongoDB
- **Python Libraries:** NumPy, Pandas, NLTK, Spacy
- **Operating Systems:** Linux (Fedora, Debian 12, Ubuntu, Mint)

Projects

Full-Stack Employment Website

MERN Stack

- Developed a comprehensive job portal using MongoDB, Express.js, React.js, and Node.js
- Implemented secure authentication and role-based access control for multiple user types
- Designed RESTful APIs with Axios for seamless client-server communication
- Created responsive UI with TailwindCSS, managing 100+ job listings with advanced filtering

SoundShelf

JavaScript, HTML5, CSS3

- Engineered a feature-rich music player using vanilla JavaScript for local audio playback
- Integrated JSmediatags for metadata extraction and ColorThief for dynamic UI theming
- Optimized performance for handling 500+ songs with efficient metadata processing

SkySync

JavaScript, OpenWeatherMap API

- Built a real-time weather application with location-based forecasting
- Integrated OpenWeatherMap API and Google Maps for comprehensive weather data
- Implemented dynamic UI updates and interactive location search functionality

Certifications

- **Programming in Java (NPTEL)** October 2024
 - Completed comprehensive course and certification exam in Java programming
- **Introduction to Databases (NPTEL)** Expected April 2025
 - Currently enrolled in database fundamentals and management course
- **Red Hat Certified System Administrator (RHCSA)** Expected April 2025
 - Currently preparing for certification in Linux system administration

Education

B.Tech in Computer Science and Engineering

2023 - 2027

- SRM Institute of Science and Technology, Chennai, India **CGPA: 9.1**
- Relevant Coursework: Data Structures Algorithms, Database Management Systems, Web Development