NARESH SINGH

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EDUCATION

Vellore Institute of Technology   Bhopal, India
Integrated MTech   **Expected May 2026**

Computer Science & Engineering with Specialization in Computational and Data Science   Cumulative GPA: 7.71

Govt. Excellence School   Ashta, India
HSC:71.2   **2021**
SSLC:73.8   **2019**

SKILLS

- **Languages:**   Python, SQL, JAVA, HTML, CSS, JS
- **Frameworks/Libraries:**   Pandas, NumPy, Scikit-Learn, Matplotlib
- **Tools:**   Power BI, MySQL, PowerPoint
- **Core Skills:**   Data Analysis, Machine Learning

EXPERIENCE

Data Analyst Intern | Jindal Stainless | Link   Oct 2024 – Dec 2024
Tech Stack: Power BI; Data Analysis
- Analyzed extensive datasets to extract meaningful business insights.
- Designed interactive Power BI dashboards to display critical business indicators.
- Streamlined data preprocessing workflows through automation, enhancing data accuracy and reporting speed.

PROJECTS

MACHINE LEARNING: Agrokisan | Link   May 2024 – Aug 2024
- Designed an advanced platform for farmers using Flask, boosting agricultural output and decision-making by delivering real-time data and actionable recommendations.
- Developed a Crop Recommendation System leveraging scikit-learn and pandas, achieving 91% accuracy in predicting crops based on soil pH, temperature, and nutrients.
- Created a CNN-based model for apple leaf disease classification with PyTorch, attaining 89% accuracy, enabling timely disease detection and minimizing crop damage.
- Automated real-time and historical commodity price tracking using BeautifulSoup and Selenium, helping farmers make well-informed market decisions.

MACHINE LEARNING: Book Recommendation | Link   Feb 2024 – Mar 2024
- Compiled and transformed a dataset of 200,000+ books using Python and advanced data wrangling methods.
- Trained a recommendation engine to suggest books tailored to user preferences and reading habits.
- Enhanced the platform's value by providing personalized book discovery and insightful trends in popular genres.

MACHINE LEARNING: Fin-Don | Link   Oct 2023 – Nov 2023
- Engineered a classification model to determine income levels, achieving 87% accuracy for optimizing donation outreach.
- Analyzed donor data with pandas and matplotlib to uncover significant patterns and trends.
- Empowered organizations to target high-potential donors, boosting campaign effectiveness and increasing donation revenue.

ACHIEVEMENTS

- Secured a top 10% ranking on the AWS Deep Racer Student League Leaderboard, received a $50 prize for the achievement.
- Attained 18th rank in Code Chef Code Invicta, a coding competition at VIT Bhopal.
- Ranked in the top 5% among 500 Teams in Hackathon at Hacker House, Goa.

CERTIFICATES

- Applied Machine Learning in Python - **Coursera**   **Jan 2023**
- Front-End Development Certificate - **Great Learning**   **Nov 2022**