

SHREYAS P RAYAS

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Bangalore, Karnataka -560060, India

OBJECTIVE

Final year Information Science Engineering student skilled in Java, Python, C, HTML, CSS, JavaScript, MySQL, LaTeX, Tableau, and Power BI. Enthusiast in both Full-Stack Web Development and Python. Strong in problem-solving and software engineering.

EDUCATION

- JSS Academy of Technical Education** 2022- Present
Information Science & Engineering
◦ CGPA:9.43
Bangalore, India
- M P E Society's SDM PU Collage** April 2022
Pre-University Education
◦ Percentage: 97.83%
Uttara Kannada, India
- Mar Thoma English Medium School** June/July 2020
Secondary Education
◦ Percentage: 97.44%
Uttara Kannada, India

PROJECTS

- Project A: [Ear Recognition Project]** 2024 - 2025
Tools: [Python, OpenCV, Scikit-learn, NumPy, Matplotlib] [\[G\]](#)
 - Developed an ear-based biometric recognition system using Convolutional Neural Networks (CNNs).
 - Built and trained a custom CNN architecture for classifying ear images with high accuracy.
 - Created a complete pipeline for data preprocessing, augmentation, training, and evaluation.
 - Applied techniques such as dropout and batch normalization to improve model performance and generalization.
- Project B: [EV Energy Consumption Prediction Model]** 2025 - Present [\[G\]](#)
Tools: [Python, Pandas, Scikit-learn, Matplotlib, Seaborn]
 - Developing a machine learning model to predict electric vehicle energy consumption based on real-world parameters.
 - Implementing regression algorithms (Linear Regression, Random Forest) for accurate energy usage forecasting.
 - Creating interactive visualizations to analyze patterns in battery usage, speed, and distance.

SKILLS

- Programming Languages:** Java, Python, C, JavaScript
- Web Technologies:** HTML, CSS
- Database Systems:** MySQL, MongoDB
- Data Visualization & BI Tools:** Tableau, Power BI
- Document Preparation & Markup:** LaTeX
- Areas Of Interest:** Full-Stack Web Development, Python Development, Problem Solving

HOBBIES & ACHIEVEMENTS

- Hobbies**
Passionate about singing and music.
- Competition Achievement**
WINNER AT VARIOUS INTERCOLLEGE FESTS & VOICE OF VERVE 2024 WINNER
 - Represented my college at the VTU Cultural Fest in inter-college singing competitions two years (2023 & 2025)
 - Represented my college at the VTU Athletic Meet in Long Jump (Febraury 2025)
 - State Level Pratibha Karanji Runners and Winner at various other intercollege fests
 - Solved 50+ Leetcode problems

CERTIFICATIONS

- HANDS ON TUTORIAL ON CISCO PACKET TRACKER** Month Year
- INFOSYS SPRINGBOARD DATA STRUCTURES & ALGORITHMS** Month Year
- INFOSYS SPRINGBOARD ARTIFICIAL INTELLIGENCE & MACHINE LEARNING** Month Year
- BMS 24hrs HACKATHON CERTIFICATE** Month Year

ADDITIONAL INFORMATION

Languages: English, Kannada, Konkani, Hindi

Interests: Badminton, singing and music, Coding