

NAVYA S SHETTY

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PROFESSIONAL SUMMARY

Aspiring Software Developer with strong skills in **Java, Spring Boot, Hibernate, and REST APIs**.

Experienced in full-stack web development and AI-based projects. Proficient in database management, API integration, and problem-solving with hands-on project experience.

EDUCATION

Srinivas Institute of Technology

Bachelor of Engineering in Electronics and Communication - **CGPA - 8.73**

12 2021 – 06 2025

Mangalore, Karnataka

Sri Bhuvanendra PU College

PCMB - Percentage - **92%**

06 2019 – 07 2021

Karkala, Karnataka

PROJECTS

Smart Travel Planner | Java, Spring Boot, Spring Security, Hibernate, REST APIs

01 2026

- Designed a secure **full-stack** travel planner with **5+ features** using Spring Boot.
- Built a responsive frontend with **HTML, CSS, and JavaScript**.
- Integrated **MySQL** to manage **1,000+** places for itinerary planning.
- Fetched live weather data via **OpenWeather API** and dynamic location images using **Unsplash API**.
- Implemented route optimization using **Leaflet.js** and **OSRM** for shortest-path navigation.

Food Calorie Estimation System | Python, YOLOv8, CVAT, Streamlit, Deep Learning

01 2024

- Engineered a YOLOv8-based food segmentation system using **5,000+ images**.
- Annotated Coastal Karnataka cuisine images using **CVAT** for accurate model training.
- Executed real-time food detection using **Python** and **OpenCV**.
- Constructed an interactive web interface using **Streamlit** for image upload and result display.
- Estimated calorie values using a custom nutrition dataset for **8 food categories**.

WORK HISTORY

TESCOM

Quality Test Engineer Intern

Feb 2025 – May 2025

Bangalore, India

- Inspected PCBs for component placement, polarity verification, and soldering defects.
- Ensured quality standards during testing and validation processes.

Dhaarini Academy

Machine Learning Intern

Nov 2023 – Dec 2023

Bangalore, India

- Deployed and trained ML models using **Python** on real-world datasets.
- Worked with **NumPy, Pandas, and Scikit-learn** for data processing and model development.

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript

Frontend: HTML5, CSS3, JavaScript

Backend: Spring Boot, Hibernate, REST APIs

Databases: MySQL, Oracle

CERTIFICATIONS

- NPTEL – C Programming and Assembly Language
- Programming Essentials in Python – Cisco Networking Academy
- Web Programming (HTML, CSS, JavaScript) – Ethnotech Academic Solutions
- AI-ML Virtual Internship – Google for Developers (EduSkills)