

# DEEPIKA NARAYANAPALLY

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Aspiring Java Full Stack Developer with hands-on experience in web development, Spring Boot, and SQL. Skilled in building responsive, scalable applications and integrating third-party APIs for dynamic functionality. Strong problem-solving abilities with a focus on delivering efficient, user-friendly solutions. Passionate about learning new technologies and contributing to innovative software projects.

## EDUCATION

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|---|------|
| • <b>Malla Reddy Institute of Technology and Science (MRITS), Hyderabad</b> | 2024 |
| <i>B. Tech in Computer Science and Engineering — CGPA: 7.4</i>              |      |
| • <b>Vignan Junior College</b>  | 2020 |
| <i>Board of Intermediate Education, Telangana (MPC) — CGPA: 9.4</i>         |      |
| • <b>Brilliant Grammar High School</b>                                      | 2018 |
| <i>Board of Secondary Education, Telangana — CGPA: 9.7</i>                  |      |

## PROJECTS

### Pandit Booking Online Web Application

March 2024

Developed a full-stack web application that connects users with verified pandits for various poojas and rituals. Designed the front end using **HTML, CSS, and JavaScript**, and built the back end with **Spring Boot**. Integrated the **Prokerala API** to fetch and display accurate **Panchangam details**. The platform allows users to book poojas, order samagri, access multilingual support, and receive personalized Vedic recommendations, ensuring an engaging and seamless spiritual experience.

### Active Online Learning for Social Media to Support Crisis Management

October 2023

Developed a social media platform supporting user registration, friend requests, and tweet sharing, comprising 60% of the project scope. Incorporated the AOMPC algorithm for active online learning, enabling 40% faster detection of emerging trends to support crisis management. Contributed to enhanced communication and decision-making during emergencies by enabling real-time social media analysis.

### Stress Detection in IT Professionals

June 2023

Machine Learning Project — Python, scikit-learn

Developed a stress detection system for IT professionals using the K-Nearest Neighbors (KNN) algorithm in Python. Analyzed key stress indicators such as workload, sleep patterns, and emotional states to provide actionable insights. Achieved a 30% improvement in detection accuracy, enabling early identification of stress and promoting well-being.

## TECHNICAL SKILLS

**Programming Languages:** Java, HTML, CSS, JavaScript, SQL

**Programming Skills:** Data Structures and Algorithms

**Frameworks:** Spring Boot, Hibernate

**Databases:** MySQL

**Soft Skills:** Problem Solving, Teamwork, Communication Skills, Adaptability

## POSITIONS OF RESPONSIBILITY

NSS Member (2022 | 2023) – Participated in social service activities and community development programs organized by the National Service Scheme.

## CERTIFICATIONS

Java Full Stack Certification from QSpiders, Panjagutta – Completed hands-on training in Java, Spring Boot, web development, and database integration, with project-based learning to build real-world applications.