

PANDAVA RAJASHEKAR

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PROFESSIONAL SUMMARY

Hardworking Computer Science graduate with a passion for deep learning and full stack development. Committed to leveraging solid technical knowledge and hands-on project experience to drive impactful results and contribute to organizational growth. Bringing forth a motivated attitude and a variety of powerful skills to further the mission of a company.

TECHNICAL SKILLS

- **Programming Languages:** Core Java, Advanced Java (JDBC), SQL
- **Web Technologies:** HTML, CSS, JavaScript, Servlets
- **Frameworks:** Spring Boot, Spring MVC, Hibernate
- **Other:** JAVA8 Features, DSA (Data Structures and Algorithms), Basics of Microservices
- **Operating Systems & Tools:** MS Office, MS Excel, PowerPoint

TRAINING

Java Full Stack Course, JSpiders, Bangalore

EDUCATIONAL QUALIFICATIONS

B.Tech (CSE), Annamacharya Institute of Technology and Sciences Engineering College, Tirupati

2023

- Graduated with an aggregate of **73.92%** from JNTUA.

Intermediate, Sri Chaitanya Junior College, Tirupati

2019

- Achieved **93.0%** from Board of Intermediate Education, A.P.

S.S.C, Uday Kiran E.M School, Gorantla

2017

- Secured **83.0%** from Board of Secondary Education, A.P.

LANGUAGE KNOWN

Telugu
Kannada

English
Hindi

HOBBIES

Engaging in outdoor activities such as hiking, swimming, and cycling; avid reading across genres and cultures; cooking and experimenting with flavors.

PROJECTS

Hospital Management System

- Developed a **Java-based** application to automate and simplify management of patient and doctor records in hospital settings, reducing manual errors by **90%**.
- Implemented secure data storage and retrieval using JDBC with MySQL backend, supporting **real-time** operations.
- Enabled appointment scheduling with conflict checks, improving hospital efficiency and reducing booking conflicts by **80%**.
- Designed modular application structure with separate classes for patients, doctors, and appointments, ensuring maintainability and flexibility.
- Deployed user-friendly console-based interface for small- to medium-scale hospitals, serving **20+** daily active users.
- Tools & Technologies: **IntelliJ, Java, JDBC, MySQL, mysqlconnectorj9.4.0.**

Age and Gender Detection using Deep Learning, major project

- Developed an application to detect gender and age groups from facial images, utilizing attention mechanisms for improved model focus.
- Trained deep learning models on a popular face dataset, achieving an accuracy improvement of over **10%** compared to baseline models.
- Enabled accurate identification of gender and age, demonstrating practical AI application in image analysis.

Event Management System

- Developed a system for managing organizational event data, supporting up to **100+** users simultaneously.
- Built robust backend with Spring MVC, **Spring Boot**, Hibernate, and interactive frontend with HTML, CSS, JavaScript.
- Enabled user registration, event booking, and cancellation features, with secure login and admin-client interaction.
- Streamlined event management processes, automating event data handling and reducing manual workload by **70%**.