

Kundam Madhu Sudhan Reddy

☞ Artificial Intelligence Machine learning.

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🔗 <https://github.com/Kundamadhu>



OBJECTIVE:

To secure a challenging position in a reputable organization where I can effectively contribute my technical skills and knowledge in software development, while continuously learning and growing professionally. I aim to apply my expertise in Java, Spring Boot, React, and database management to deliver impactful solutions and contribute to the success and innovation of the organization.

ACADAMEMIC BACKGROUND:

● Bachelor of Technology (B.Tech), Artificial Intelligence and Machine Learning

Dr. K.V. Subba Reddy Institute of Technology, Andhra Pradesh

Graduation Year: 2025

Aggregate: 80%

● Intermediate (10+2), BIEAP

Sri Master Junior College, Andhra Pradesh

Completion Year: 2021

Percentage: 94.1%

● Secondary School Certificate (SSC)

Municipal High School, Andhra Pradesh

Completion Year: 2019

Percentage: 97%

TECHNICAL SKILLS :

Coding Languages : Java, JavaScript.

Databases : MySQL, Oracle, SQL.

Web Technologies : HTML, CSS, Bootstrap, React.js.

Frameworks & Libraries: Spring Boot, Hibernate.

Tools & IDEs : Eclipse, Visual Studio Code, Git, Postman, Maven.

Soft Skills : Problem-Solving, Team Collaboration, Agile Development, Adaptability, Debugging, Time Management.

PROJECTS:

1. TITLE: Heart Disease Risk Prediction System

Tech Stack: Java (Spring Boot), React.js, MySQL, Weka, Bootstrap, REST APIs

Description:

Developed a full-stack web application that predicts heart disease risk using real-time patient health metrics and a machine learning model.

- Implemented RESTful APIs using Spring Boot and integrated a J48 classifier using the Weka Java library for predictive modeling.
- Designed a secure user authentication system (registration & login) with MD5 password encryption.
- Created a responsive React frontend with React Router for multi-page navigation and Bootstrap for modern UI styling.
- Built a protected dashboard allowing authenticated users to submit health data and receive instant risk predictions.
- Enabled full client-server communication via Axios and handled dynamic routing with state-based access control.
- Applied software engineering best practices, including modular design, state management, and MVC architecture.

2. TITLE: Marksheet Management System

Tech Stack: Java, Spring Boot, Thymeleaf, MySQL, Bootstrap, HTML/CSS

Description:

Developed a full-stack web application to manage student academic records, enabling user registration, secure login (MD5 encryption), and CRUD operations for student profiles and multi-level educational details (SSC, Intermediate, UG, PG).

Key features include:

- Secure authentication and session-based dashboard.
- Student profile management with photo and Aadhaar document uploads.
- Modular education details form with certificate uploads for each level.
- Dynamic file handling using Spring MVC and Bootstrap-enhanced UI.

Extra-Curricular Activities & Certifications:

- **Web Development Training** – Internshala
Certified in frontend and backend development using HTML, CSS, JavaScript, and database integration.
- **SQL and Relational Databases 101** – Cognitive Class
Certified for foundational database concepts, relational design, and SQL query writing.
- **Communication Skills and Teamwork** – edX
Completed training in effective communication, collaboration, and team-based problem solving.
- **Prompt Engineering for Everyone** – Cognitive Class
Certified in AI prompt design and user interaction techniques with language models.
- **Problem Solving and Critical Thinking Skills** – edX
Certified in analytical reasoning, logical thinking, and structured problem-solving techniques.

PERSONAL DETAILS:

Father's name : K Raghavendra Reddy
Mother's Name : K Lakshmi
Date of Birth : 16-03-2004
Address : Bangalore, Karnataka.
Languages : English, Telugu, Hindi.

DECLARATION:

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief. I take full responsibility for the accuracy of the details mentioned in this resume.

Place: Bangalore

Date:

Kundam Madhu Sudhan Reddy