

Deepak S R

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Summary

A passionate computer science undergrad skilled in full stack development and machine learning, with a drive to build innovative, AI-powered solutions. Developed a Heart Disease Prediction App that won the Zenith Hackathon and a Personalized Learning Companion (PLC) using React and the Gemini API. Proficient in React, Node.js, MongoDB, Python, and ML tools. Aiming to contribute to products that blend intelligent systems with modern web technologies to create meaningful impact.

Education

Malla Reddy University, Hyderabad

Graduation: 2027

BTech in Computer Science and Engineering - AI & ML

CGPA: 8.64/10

Narayana Junior College, Chittoor, AP

2021- 2023

Intermediate - Maths, Physics & Chemistry

Percentage: 79.7%

Skills

Languages: Java, Python, JavaScript

Frameworks: React.js, Node.js, Express.js, BootStrap

AI/ML: TensorFlow, Pandas, NumPy, Scikit-learn, Hugging Face

Databases & Cloud: MySQL, MongoDB, Render(Deployment)

Tools & Platforms: Git & GitHub, VSCode, PostMan

Software Engineering: Data Structures & Algorithms, Computer Networks, OOPs

Projects

Heart Disease Prediction

Flask, Scikit-learn, Google Gemini API

Developed an AI-based heart disease prediction system using the Random Forest algorithm, integrated with Gemini API for real-time health-related Q&A. Achieved 93% accuracy. 1st Place Winner, Zenith Hackathon 2024 (300+ teams).

Personalized Learning Companion (PLC)

React, Node.js, Gemini API, JavaScript

Built an AI-powered educational assistant featuring a chatbot interface, quiz generator, and performance dashboard. Designed for instant learning insights with a conversation-driven UI. Integrated Gemini API for dynamic feedback based on quiz results.

Honors & Awards

Zenith Hackathon Winner

Oct - 2024

1st place out of 300+ teams for a GenAI-powered health tech solution at MLRIT.

Participations & Involvements

Participant - 5G & 6G Hackathon

Jan - 2025

Explored innovative solutions in next-generation wireless technologies by actively collaborating on challenging problem statements.

Host & Organizer - Hack Nirvana Hackathon

Feb - 2025

Led the successful organization and coordination of an offline hackathon event, managing logistics and participant engagement to foster innovation.

Certifications

Data Structures and Algorithms using Java

Oct,2024

NPTEL - Mastered advanced data structures and algorithms with Java, developing optimized solutions for complex problems.

Data Structures and Algorithms in Java

Jun 2024

Apna College - Gained strong problem-solving skills using Java, covering recursion, arrays, linked lists, trees, graphs, and dynamic programming through hands-on coding practice.

Full Stack Web Development (MERN Stack)

Apr 2024

Apna College - Built dynamic full-stack applications using MongoDB, Express.js, React, and Node.js. Gained experience with frameworks like Bootstrap and Tailwind CSS, RESTful APIs, and deployment platforms like Render and Vercel.