

KARRI KARTHIK REDDY

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B.Tech, Computer Science and Engineering
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Summary

Motivated Computer Science Engineering undergraduate (2027) from SRM Institute of Science and Technology with a strong foundation in software development, enterprise SAP systems, and artificial intelligence. Skilled in C, C++, Java, JavaScript, full-stack development (React Native, Node.js, Spring Boot), and database management using MySQL. SAP Certified Generative AI Developer with hands-on experience in SAP S/4HANA modules (FI, SD, MM, PP, WM), SAP BTP, and AI tools such as SAP AI Core and AI Launchpad. Proven ability to build scalable applications through projects like real-time chat systems, enterprise management solutions, and machine learning-based applications. Actively involved in technical clubs and leadership activities, with a keen interest in enterprise AI, SAP solutions, and innovative software development

Education

SRM IST-Kattankulathur 2027
B.Tech · Computer Science and Engineering CGPA - 7.51/10

Narayana Junior college 2023
Class XII - TELANGANA BOARD OF INTERMEDIATE EDUCATION, HYDERABAD · mpc · Hyderabad Percentage - 85.9%

PRAGATHI CENTRAL SCHOOL 2021
Class X - Central Board of Secondary Education · mpc · Hyderabad Percentage - 81.66%

Projects

Nexa Chat | https://stunning-cassata-3160d6.netlify.app/ Apr 2026 - Present
· Node.js,Express.js,Socket.IO,MongoDB,Mongoose,JWT (JSON Web Tokens)Twilio,Vanilla Stack,HTML5, CSS3 Real-Time Communication (Chat Application).

NexaChat — Real-Time Chat Application

A futuristic, production-ready real-time chat application with WebSocket messaging, OTP authentication.

NexaAssist-JARVIS | Link Apr 2026 - Present
· Qwen2.5-Coder:7b, Ollama, speech_recognition, sounddevice, pyttsx3, pyautogui, psutil, subprocess, Node.js, Express, WebSocket, Python, Flask, HTML, CSS, JavaScript Machine Learning

NexaAssist JARVIS — AI Desktop Controller

A voice-activated, AI-powered desktop assistant for Windows that executes real computer tasks using natural language.

ExamGPT – AI-Powered Exam Preparation Assistant | Link Jul 2025 - Present
· React, Vite, CSS, JavaScript, FastAPI, Python, Google Gemini API, PyPDF2, python-docx, python-pptx, ReportLab Edtech

ExamGPT – AI-Powered Exam Preparation Assistant

ExamGPT is an AI-driven web application designed to help students prepare smarter for exams. It generates notes, quizzes, expected questions, roadmaps, and more using advanced AI capabilities.

AgenticStudio | Link Apr 2026 - Present

· Node.js, JavaScript, GitHub REST API, Nodemon, HTML5, CSS3 Machine Learning

AgenticStudio AgenticStudio is an autonomous AI development platform designed to streamline the software development lifecycle. It acts as an AI dev team that can scaffold, build, and deploy full-stack applications directly to your GitHub account.
 Features Autonomous Repo Creation: Automatically scaffolds new GitHub repositories via the GitHub API.
Integrated Workflow: Manages project setup, directory structures, and code deployment without manual intervention.
Status Monitoring: Includes built-in utilities to track deployment and repository status (check_status.js).
Developer-First Tools: Includes debuggers and configuration scripts for seamless environment setup.

AI Based Rehabilitation Support Platform | https://rehabai-04.netlify.app/ Jan 2026 - Present

· React.js 18, React Router ,Tailwind ,CSS ,Node.js , Express.js , JWT (JSON Web Tokens) bcryptjs,MongoDB Machine learning

The **rehabAI** project is a full-stack rehabilitation management platform designed to bridge the gap between patients, physiotherapists, and doctors. It provides a structured environment for managing exercise programs, tracking patient progress, and logging clinical outcomes.

Core Functionality

- **Role-Based Access Control:** Distinct dashboards and permissions for **Patients**, **Physiotherapists**, and **Doctors**.
- **Exercise Management:** A centralized database of exercises categorized by difficulty and body part, managed by professionals.
- **Progress Tracking:** Patients and caretakers can log exercise sessions, including duration, reps completed, pain levels, and effort levels.
- **Manual System:** It is important to note that this platform relies on **manual data entry** for session tracking rather than automated camera-based tracking or computer vision (OpenCV).

Certifications

SAP Certified - SAP Generative AI Developer | Link Feb 2026 - Feb 2027

SAP

AWS Certified AI Practitioner | Link Apr 2026 - Apr 2029

AWS · a8402a6138634fdab9fc156a6d3882ca

AWS Certified Cloud Practitioner | Link Apr 2026 - Apr 2029

AWS · a8402a6138634fdab9fc156a6d3882ca

Volunteering

Sahrudaya Oldage Home

Volunteer · Community Development

Skills

Programming Languages: Python, C++

Domain Knowledge: C, Sql

Languages

English [Professional Working Proficiency], Telugu [Native Proficiency], Hindi [Professional Working Proficiency], Tamil [Fundamental Proficiency]