

Rishith Kumar Pachipulusu

Full Stack Developer

Portfolio: <https://portfolio-one-jade-97.vercel.app/>

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Professional Summary

Versatile Computer Science graduate skilled in AI/ML, Full-Stack Development. Experienced in designing and implementing complete projects, from backend systems to intelligent AI applications. Passionate about building end-to-end solutions and delivering high-quality, innovative software.

Education

Degree / Level	Institution & Location	Year
B.Tech in CSE (AI & ML), CGPA: 8.12	VIT-AP University, Amaravati	2022–2026
Intermediate – 79%	Narayana N120 College, Vijayawada	2020–2022
10th Standard – 100%	Viswabharati High School, Gudivada	2019–2020

Technical Skills

Languages:	Java, Python, SQL, JavaScript
Frameworks:	Spring Boot, Node.js, React.js, REST APIs
DB/Cloud:	MySQL, MongoDB, Docker, AWS (Amazon Web Services)
Tools:	Git, GitHub Actions
AI/ML/NLP:	TensorFlow, Keras, Scikit-learn, Pandas, NumPy, NLTK, Hugging Face, BERT, Whisper
Soft Skills:	Communication, Teamwork, Problem Solving, Adaptability, Time Management

Projects

Smart-Summary Q&A Platform - React, Node.js, FastAPI, Whisper, OpenAI	<i>Demo</i>
<ul style="list-style-type: none">Built an AI platform for transcript extraction, PDF processing, summarization, and Q&ADeveloped React frontend with batch video processing, progress tracking, and responsive design.Implemented Node.js backend with REST APIs for summarization, translation, and Q&A services.	
MedReserve AI – Healthcare Booking System - Spring Boot, React, ML Model, Chat bot, FastAPI	<i>Demo</i>
<ul style="list-style-type: none">Built an AI-powered healthcare platform with appointment booking, EHRs, and intelligent chatbots.Integrated ML models for predictive analytics and recommendations, improving patient care decisions.Enabled secure role-based access with HIPAA-compliant data handling across doctors and patients.	
AIthlete - Fitness Application - ML Model, Chat bot, Spring Boot, React.js, MongoDB	<i>Code</i>
<ul style="list-style-type: none">Built a full-stack AI fitness app with workout planning, nutrition tracking, pose analysis, and chatbotImplemented React frontend, Spring Boot backend, MongoDB, and ML service integration with JWT auth.Deployed on Vercel & Render, optimizing performance for a responsive, cross-device user experience.	
GenTask – Generative AI for smarter tasks - NLP Model, Generative AI, Flask, React.js, MongoDB	
<ul style="list-style-type: none">Developed an AI-powered task management system with multilingual support using Generative AI and NLPImplemented AI-driven task prioritization, subtask generation, and summarization to boost productivityCreated an inclusive platform improving accessibility for non-English users, making productivity tools more global	

Certifications

AWS Academy Cloud Foundations – AWS Academy	Certificate
Python for AI – BOSTON IT SOLUTIONS	Certificate
Full Stack Web Development - SmartED Innovations	Certificate
Oracle Certified Generative AI Professional – Oracle University	Certificate

Extra-Curricular Activities

Photography Club – VIT-AP University	<i>July 2023 – May 2024</i>
Created multimedia content for university events as an active member.	
LEO Club – Lions Club, VIT-AP University	<i>June 2024 – March 2025</i>
Co-led social media efforts and participated in outreach programs.	
IEI (Institution of Engineers of India)	<i>June 2024 – Present</i>
Contributed to technical documentation and content creation for organizational events.	