

Rishith Kumar Pachipulusu

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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.

Technical Skills

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

Projects

Portfolio Website - React.js, Tailwind CSS, Framer Motion, Vercel ◦ Built a responsive portfolio to showcase projects and certifications. ◦ Integrated dynamic routing, dark/light themes; optimized for SEO. ◦ Improved user experience; deployed live with GitHub content linking.	<i>Demo</i>
Smart-Summary Q&A Platform - React, Node.js, FastAPI, Whisper, OpenAI ◦ Developed AI Q&A tool with real-time transcript updates. ◦ Enabled summarization and question generation from audio/video. ◦ Served 500+ users; improved response accuracy by 20%.	<i>Demo</i>
MedReserve AI – Healthcare Booking System - Spring Boot, React, FastAPI, JWT ◦ Engineered full-stack appointment platform with role-based access. ◦ Added NLP-based chatbot for symptom-to-doctor suggestions. ◦ Reduced appointment booking time by 30%; deployed via Render and Vercel.	<i>Demo</i>
AIthlete - Spring Boot, React.js, PostgreSQL, AI Models ◦ Built a full-stack fitness website with Spring Boot, React.js, and PostgreSQL. ◦ Developed AI models for workouts, diet plans, chatbot, and pose detection. ◦ Delivered a scalable platform with themes, dashboards, and deployment.	<i>Demo</i>

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%	Visvabharati High School, Gudivada	2019–2020

Certifications

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

Extra-Curricular Activities

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