

# Rishith Kumar Pachipulusu

LinkedIn: rishith-kumar-pachipulusu | GitHub: rishith2903  
rishithpachipulusu@gmail.com | +91 7901357303 | Portfolio: <https://portfolio-one-jade-97.vercel.app/>

## 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

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

## Projects

<b>Portfolio Website</b> - React.js, CSS, Framer Motion, Vercel	<i>Demo</i>
<ul style="list-style-type: none"><li>Built a responsive portfolio to showcase projects and certifications.</li><li>Integrated dynamic routing, dark/light themes; optimized for SEO.</li><li>Improved user experience; deployed live with GitHub content linking.</li></ul>	
<b>Smart-Summary Q&amp;A Platform</b> - React, Node.js, FastAPI, Whisper, OpenAI	<i>Demo</i>
<ul style="list-style-type: none"><li>Developed AI Q&amp;A tool with real-time transcript updates.</li><li>Enabled summarization and question generation from audio/video.</li><li>Served 500+ users; improved response accuracy by 20%.</li></ul>	
<b>MedReserve AI – Healthcare Booking System</b> - Spring Boot, React, FastAPI, JWT	<i>Demo</i>
<ul style="list-style-type: none"><li>Engineered full-stack appointment platform with role-based access.</li><li>Added NLP-based chatbot for symptom-to-doctor suggestions.</li><li>Reduced appointment booking time by 30%; deployed via Render and Vercel.</li></ul>	
<b>AIthlete</b> - Spring Boot, React.js, PostgreSQL, AI Models	<i>Code</i>
<ul style="list-style-type: none"><li>Built a full-stack fitness website with Spring Boot, React.js, and PostgreSQL.</li><li>Developed AI models for workouts, diet plans, chatbot, and pose detection.</li><li>Delivered a scalable platform with themes, dashboards, and deployment.</li></ul>	

## 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

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

## Extra-Curricular Activities

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