

# Rishith Kumar Pachipulusu

Full Stack Developer

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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

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

## Projects

<b>Portfolio Website</b> - React.js, CSS, Framer Motion, Vercel	<i>Demo</i>
<ul style="list-style-type: none"><li>Built a responsive personal portfolio using React, Vite, and Framer Motion to showcase projects and skills.</li><li>Implemented dynamic project filtering, interactive animations, and an EmailJS-powered contact form.</li><li>Deployed on GitHub Pages with CI/CD automation, optimized for speed, SEO, and cross-device compatibility.</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>Built an AI platform for transcript extraction, PDF processing, summarization, and Q&amp;A</li><li>Developed React frontend with batch video processing, progress tracking, and responsive design.</li><li>Implemented Node.js backend with REST APIs for summarization, translation, and Q&amp;A services.</li></ul>	
<b>MedReserve AI – Healthcare Booking System</b> - Spring Boot, React, ML Model, Chat bot, FastAPI	<i>Demo</i>
<ul style="list-style-type: none"><li>Built an AI-powered healthcare platform with appointment booking, EHRs, and intelligent chatbots.</li><li>Integrated ML models for predictive analytics and recommendations, improving patient care decisions.</li><li>Enabled secure role-based access with HIPAA-compliant data handling across doctors and patients.</li></ul>	
<b>AIathlete - Fitness Application</b> - ML Model, Chat bot, Spring Boot, React.js, PostgreSQL	<i>Code</i>
<ul style="list-style-type: none"><li>Built a full-stack AI fitness app with workout planning, nutrition tracking, pose analysis, and chatbot</li><li>Implemented React frontend, Spring Boot backend, PostgreSQL, and ML service integration with JWT auth.</li><li>Deployed on Vercel &amp; Render, optimizing performance for a responsive, cross-device user experience.</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%	Viswabharati High School, Gudivada	2019–2020

## Certifications

<b>AWS Academy Cloud Foundations</b> – AWS Academy	<b>Certificate</b>
<b>Python for AI</b> – BOSTON IT SOLUTIONS	<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.	