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.

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

Portfolio Website - React.js, CSS, Framer Motion, Vercel *Demo*
- Built a responsive personal portfolio using React, Vite, and Framer Motion to showcase projects and skills.
- Implemented dynamic project filtering, interactive animations, and an EmailJS-powered contact form.
- Deployed on GitHub Pages with CI/CD automation, optimized for speed, SEO, and cross-device compatibility.

Smart-Summary Q&A Platform - React, Node.js, FastAPI, Whisper, OpenAI *Demo*
- Built an AI platform for transcript extraction, PDF processing, summarization, and Q&A
- Developed 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 *Demo*
- 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, PostgreSQL *Code*
- Built a full-stack AI fitness app with workout planning, nutrition tracking, pose analysis, and chatbot
- Implemented React frontend, Spring Boot backend, PostgreSQL, and ML service integration with JWT auth.
- Deployed on Vercel & Render, optimizing performance for a responsive, cross-device user experience.

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