

Rishith Kumar Pachipulusu

Bachelor of Technology

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About Me

Full-Stack Developer with a strong backend focus in Java Spring Boot, and a passion for building scalable applications. Experienced in Machine Learning, NLP, and Data Science, with hands-on projects combining software engineering and AI to deliver real-world solutions.

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
SSC – 100%	Visvabharati High School, Gudivada	2019–2020

Technical Skills

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

Projects

Personal Portfolio Website <ul style="list-style-type: none">Developed using React.js, Vite, CSS, and Framer Motion.Features include project filtering, animations, and responsive dark theme.	🔗 Demo
Smart-Summary-Q&A Platform <ul style="list-style-type: none">Built using React, Node.js, Python (Whisper, BART, OpenAI API), and WebSockets.AI-powered transcription, summarization, and Q&A from videos and PDFs.	🔗 Demo
MedReserve AI – Healthcare Booking System <ul style="list-style-type: none">Full-stack app with Spring Boot, React.js, MySQL, JWT, WebSockets, Docker, and FastAPI (ML).Real-time chat, role-based dashboards, chatbot-assisted scheduling.ML-based doctor recommendation, encrypted chat/files, and health analytics.	🔗 Demo
Deepfake Detection (CNN-LSTM) <ul style="list-style-type: none">Hybrid model using CNN and LSTM on DFDC dataset.Improved detection through spatio-temporal pattern analysis.	

Certifications

AWS Academy Cloud Foundations Badge – 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.	July 2023 – May 2024
LEO Club – Lions Club, VIT-AP University Co-led social media efforts and participated in outreach programs.	June 2024 – March 2025
IEI (Institution of Engineers of India) Contributed to technical documentation and content creation for organizational events.	June 2024 – Present