

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">Built a responsive portfolio using React.js, Vite, and Framer Motion.Added project filtering, smooth animations, and dark mode.Deployed on Vercel with fast load times and clean UI.	 <i>Demo</i>
Smart-Summary-Q&A Platform <ul style="list-style-type: none">Full-stack AI app with React.js, Node.js, and Python (Whisper + BART + OpenAI).Enables real-time transcription, summarization, and Q&A from videos/PDFs..Used WebSockets for live streaming and NLP microservices for backend.	 <i>Demo</i>
MedReserve AI – Healthcare Booking System <ul style="list-style-type: none">Built a full-stack system with Spring Boot, React, and FastAPI (ML).Features JWT auth, role-based dashboards, encrypted real-time chat.Integrated doctor recommendation ML model and chatbot scheduling.	 <i>Demo</i>
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.	<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>