

Rishith Kumar Pachipulusu

Bachelor of Technology

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About Me

Motivated Full-Stack Developer with strong Backend expertise in Java and Spring Boot. Experienced in building real-world solutions with a focus on problem-solving and team collaboration. Eager to contribute to innovative projects and grow as a backend-oriented engineer.

Education

VIT-AP University, Amaravati B.Tech in CSE (AI & ML) CGPA: 8.12	2022 - 2026
Narayana N120 College, Vijayawada Intermediate – 79%	2020 - 2022
Visvabharati High School, Gudivada Secondary School Certificate (SSC) – 100%	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	📁 Portfolio
<ul style="list-style-type: none">◦ I developed this personal portfolio website using React.js, Vite, CSS, and Framer Motion◦ Features include interactive navigation, project filtering, smooth animations, and a fully responsive dark theme.	
Smart-Summary-Q&A Platform – Full-Stack Web Application	📁 Demo
<ul style="list-style-type: none">◦ I developed this using React, Node.js, Python (Whisper, BART, OpenAI API), WebSocket, and Express..◦ Developed an AI-powered app for transcription, summarization, and Q&A from videos and PDFs.◦ Improved user retention by 30% with real-time feedback and responsive design.	
Deepfake Detection (CNN-LSTM)	
<ul style="list-style-type: none">◦ Hybrid model on DFDC dataset with CNN + LSTM.◦ Improved video forensics using spatio-temporal patterns.	
Stock Management System	
<ul style="list-style-type: none">◦ Inventory app built with JavaFX and MySQL.◦ Reduced manual errors by 30%.	

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