

# 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

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

## Projects

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

## Certifications

<b>AWS Academy Cloud Foundations Badge</b> – AWS Academy	🔗 Certificate
<b>Python for AI</b> – Boston Training Academy	🔗 Certificate
<b>Full Stack Web Development</b> - SmartED Innovations	🔗 Certificate
<b>Oracle Certified Generative AI Professional</b> – Oracle University	🔗 Certificate

## Extra-Curricular Activities

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