

ARAVIND R

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Portfolio — [Linktree](#)

Professional Summary

Pre-final year B.Tech student in **Artificial Intelligence & Data Science** with strong focus on **Java backend development**. Experienced in **Spring Boot, REST APIs, SQL, rule-based decision systems, and document processing**. Currently working on industry-aligned backend projects emphasizing **automation, data structures, server-side programming, web technologies, and audit-ready design**. Proficient in **ES6** and familiar with **React.js**, enhancing capability as a Full Stack Developer.

Education

B.Tech – Artificial Intelligence & Data Science
Saveetha Engineering College, Chennai

2023 – 2027
CGPA: 7.77

Technical Skills

Languages: Java, Python, C
Backend: Spring Boot, REST APIs, JPA, Hibernate
Databases: MySQL, Microsoft SQL Server, Oracle SQL, H2
Core Concepts: OOP, DSA (Basics), DBMS, OS
Tools: Git, GitHub, Postman, IntelliJ IDEA

Projects

AUTONOMOUS POLICY-DRIVEN DECISION INTELLIGENCE PLATFORM

Solo Project — Java, System Design, Decision Logic (Ongoing)

- Developed an advanced decision intelligence platform focused on policy-driven reasoning rather than basic workflow automation.
- Implemented explainable decision outcomes with confidence scoring and complete decision traceability.
- Designed rule evaluation workflows supporting what-if analysis and future policy evolution using class diagrams and UML methodologies.
- Demonstrated strong system design by separating decision logic from data ingestion and execution layers.

END-TO-END DOCUMENT INTELLIGENCE & DECISION AUTOMATION SYSTEM

Team Project — Spring Boot, Java, REST APIs, MySQL (Ongoing)

- Designed a backend-driven system to automate document ingestion, OCR-based data extraction, and rule-based decision making.
- Implemented a configurable decision engine that evaluates documents using dynamic business rules and threshold values.
- Built modular services for document management, OCR data handling, rule evaluation, and automated decision routing, applying normalization principles.
- Ensured a domain-agnostic architecture allowing reuse across multiple document-processing workflows without core code changes.

AI RESUME ANALYZER WEB APPLICATION

Solo Project — Python, NLP, Streamlit

- Built an AI-powered resume parsing and job-matching system using NLP techniques.
- Extracted skills, experience, and keywords to evaluate candidate-job compatibility.
- Improved resume relevance through automated keyword and structure analysis using HTML5, CSS3, and JavaScript, including tag-based UI components.

GEN AI EXCHANGE HACKATHON – GOOGLE CLOUD & HACK2SKILL

Hackathon — Generative AI, Problem Solving

- Participated in the national-level Gen AI Exchange Hackathon organized by Google Cloud and Hack2Skill.
- Contributed to a prototype focused on AI-driven solution design and real-world problem statements.
- Gained exposure to rapid prototyping, AI solution ideation, and collaborative development.

Internship Experience

Full Stack Developer Intern – ApproTech

Jul 2025

- Developed backend services using Java, Spring Boot, and REST APIs.
- Worked with SQL databases and basic frontend integration, utilizing Node.js and array-based sorting techniques.

Certifications

- **Oracle SQL Certified Specialist** – [View Certificate](#)
- **NPTEL – Internet of Things (Elite)** – [View Certificate](#)
- **PyTorch Ultimate (Coursera)** – [View Certificate](#)
- **Azure Learning Challenge** – [View Certificate](#)
- **JPMorgan Chase – Software Engineering Job Simulation (Forage)** – [View Certificate](#)
- **IBM – Software Engineering** – [View Certificate](#)

Strengths

Backend problem solving — Rule-based logic — SQL & data modeling — Strong fundamentals — Clarity-first programming — Sorting and loop optimization — Awareness of emerging technology trends