

# ARAVIND R

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Portfolio — Linktree

## Professional Summary

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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

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

2023 – 2027  
CGPA: 7.77

## Technical Skills

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**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

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### 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

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### 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

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- **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

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