

## Jayaprakash S

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## Summary

Computer Science Engineering student with strong logical thinking and problem-solving abilities, seeking software roles that require analytical reasoning to build reliable and structured solutions.

## Skills

Programming Languages: Java, Python, C

Frameworks & Backend: Spring Boot

Frontend: HTML, CSS, JavaScript, React.js

Databases & Tools: SQL, MongoDB, GitHub, Visual Studio Code

Core Strengths: Logical Thinking, Problem Solving, Aptitude, Communication

## Internship

### Merfantz Technologies Private Limited, Chennai | Oct 2025 – Dec 2025

Salesforce Intern with hands-on experience in Apex programming, Lightning Web Components, and Salesforce development using VS Code and Trailhead Playground.

## Projects

### ADNI: MRI Image Analysis System | Sep 2024 – Mar 2025

Developed a Python-based MRI image analysis system using ADNI datasets to support identification and verification of brain abnormalities through backend data processing.

Designed a scalable and reusable backend workflow in Python, enabling the analysis logic to be adapted for future clinical or hospital-level verification systems.

### India Travel Route Planner | Apr 2025 – Jul 2025

Developed a Java Swing-based desktop application to plan optimal travel routes between major Indian cities by calculating schedules, travel duration, and arrival times based on transport mode and realistic constraints.

Implemented modular route calculation and map visualization logic, including peak-hour bus traffic handling and interactive route display, designed for scalability and future real-time integrations.

### Champions Trophy: Cricket Stats Web Application | Jan 2024 – Jun 2024

Designed a frontend-only cricket statistics website for the ICC Champions Trophy using HTML and CSS, driven by personal interest in cricket and focused on clean, responsive user interface design.

## Education

### B.E. Computer Science and Engineering (CSE)

Rajalakshmi Institute of Technology, Chennai

Anna University | 2023 – 2027 | CGPA: 8.25

### Higher Secondary (XII Standard)

Milton Matric Higher Secondary School

State Board | 2022 – 2023 | Percentage: 90%

### Secondary (X Standard)

Milton Matric Higher Secondary School

State Board | 2020 – 2021 | Percentage: 90%

## Certifications

NPTEL Online Certification – Natural Resources Management

NPTEL (IIT Guwahati), SWAYAM | Jul 2025 – Oct 2025 | Elite | Score: 70%

Credential ID: NPTEL25AG26S1054015375