

NITHYA SRI A

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CARRIER OBJECTIVE

Pre-final year student in Computer Science and Engineering with a strong foundation in Java, C, and modern web technologies. Possesses a solid understanding of core programming concepts and software development principles. Eager to apply technical knowledge to real-world projects, contribute to building reliable and efficient software solutions, and grow as a disciplined, performance-driven engineer.

EDUCATION

Bachelor of Engineering - Computer Science - Panimalar Engineering College | 2023 – 2027 | CGPA: 9.25 / 10

Class XII – State Board - T.S.T. Rajah Girls Higher Secondary School | 2021 – 2022 | 93%

Class X – State Board -B.C.S. Jain Matric Higher Secondary School | 2019 – 2020 | 86.6%

TECHNICAL SKILLS

Languages: Java, Python, C

Frontend: HTML, CSS

Database: MySQL

AI & ML: Machine Learning Basics

Tools: Git, Chrome Extensions (MV3), VS Code

Core Concepts: OOP, Data Structures (Basic), DBMS, Event-driven Logic

PROJECTS

Decision Fatigue Guard – Chrome Extension

- Developed a browser-based system to monitor user behavior and detect decision fatigue in real time.
- Designed a Decision Load Score (DLS) algorithm to detect cognitive overload.
- Engineered privacy-first architecture with no external data storage.

Event Booking System

- Created a full-stack booking platform that allows users to browse events, make reservations, and manage bookings securely.
- Implemented authentication, CRUD operations, and booking management.

Ride Share Simulation App

- Built a simulation-based application to demonstrate ride matching and trip lifecycle workflows.
- Designed interactive UI flows to simulate ride lifecycle.

Contract Intelligence System

- Developed text processing system to extract structured data from contracts.
- Implemented rule-based parsing and analysis logic.

Exam Preparation Utility

- Built Python-based tool to organize and manage study materials.

INTERNSHIP EXPERIENCE

Virtual Tech Services – Full Stack Web Development Intern

- Worked on frontend-backend integration and CRUD operations.
- Contributed to module-level implementation and testing.

InternPe – Java Programming Intern

- Developed Java applications using OOP principles.
- Tested and debugged programs for correctness.

DLK Technologies – Web Development Intern

- Designed responsive webpages using HTML and CSS.
- Improved UI layout consistency.

CERTIFICATION

- UiPath Automation Developer Associate – 2026
- Introduction to Machine Learning – NPTEL (SWAYAM) - 2025
- TechA Python Developer Certification – Infosys Springboard - 2025
- Generative AI Certified Professional- Oracle OCI - 2024
- Programming in Java – NPTEL (SWAYAM) - 2024
- Cybersecurity Analysis & Design – NASSCOM - 2024

SOFT SKILLS

- Effective Communication skills, Active Listening skills, Teamwork, Problem Solving, Time Management.