

Aravind N

Chennai, Tamil Nadu

aravinat2001@gmail.com | +91 9952765540

Skills

Languages: Java, Python, C, SQL

Technologies & Frameworks: Spring Framework, NodeJS, Machine Learning

Databases: MySQL/PostgreSQL, MongoDB

Experience

Backend Developer Intern at Amazing Human Being

Feb 2023–April 2023

- Learnt how to work with NodeJS, Express
- Created RESTFUL API endpoints for CRUD operations for the app's features
- Used POSTMAN to test the API endpoints

Education

College of Engineering, Anna University, Chennai

Sep 2023 – Present

PG: Master of Computer Applications (MCA)

CGPA: 7.39/10

Relevant Coursework: Object Oriented Programming, DSA, Software Engineering, Databases, Machine Learning, Cloud Computing, Applied Maths, Computer Networks, Android Development, Design and Analysis of Algorithms, Full Stack Software Development.

Guru Nanak College, Chennai

Jun 2020 – Apr 2023

UG: B.Sc., Computer Science

CGPA: 8.4/10

Relevant Coursework: Problem solving using C, JAVA Programming, Operating Systems, Data Structure Using C, RDBMS, Computer Networks, Web Programming with PHP and MYSQL, Software Engineering, Python Programming, .NET Programming.

Project Work

1. Web Scraping and RAG-based bot (On-going):

- Developed python web scrapers to scrape product information using Selenium, BeautifulSoup, and Crawl4AI.
- Created a bot powered by Gemini Flash 1.5 by implementing Retrieval-Augmented Generation which takes in the scraped data as it's knowledge base.
- Performed data visualisation with Matplotlib and data analysis to find pricing patterns of various vendors.

2. E-Commerce website using Spring Boot (2025):

- Developed a Spring Boot application that follows a truly STATELESS server architecture
- Implemented JWT authentication with Spring Security.
- Created API endpoints for users to add, view all products and filter among products using Spring Web MVC leveraging Spring Data JPA and HQL for database interactions.

3. Personal Book Reading Tracker (2024):

- Developed with Android Studio (Java) and SQLite that enabled me to log the books that I have read, rate and write reviews for it, save favourite quotes for easy access later and serve as a commonplace book.