

Aadithyaa R

[E-mail](#) | [LeetCode](#) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

Budding Software Development Engineer passionate about problem-solving and creating impactful real-world solutions. Enjoys working across diverse technologies, continuously learning, and collaborating on meaningful projects.

EDUCATION

Shiv Nadar University

B.Tech Computer Science (Internet of Things) || CGPA – 8.75*

– Player, Shiv Nadar University Table Tennis Team

Chennai, India

Aug 2023 – May 2027

RELEVANT COURSEWORK

- Data Structures
- Discrete Mathematics
- OOPs
- Operating Systems
- Software Design
- Database Management
- Computer Networks
- Computer Architecture

PROJECTS

Landing Page – GSAP Cocktails | React, Vite, Tailwind CSS, GSAP

GitHub

- Developed an animated landing page using React (Vite) with modern UI and GSAP-powered scroll and hover effects.
- Designed fully responsive layouts using Tailwind CSS for seamless multi-device experience; deployed on Vercel: [Live Demo](#).

Simple Blog Application | Node.js, Express.js, EJS, MongoDB

- Designed a full-stack blog platform with user authentication, post creation, and content management.
- Implemented dynamic CRUD features using MongoDB and delivered clean UI with EJS and Bootstrap.

ThinkBoard – Notes Web App | React, Express.js, DaisyUI, Upstash, MongoDB

GitHub

- Built a full-stack note-taking app with React frontend and Express-MongoDB backend featuring clean, responsive UI using DaisyUI and Tailwind CSS.
- Implemented secure CRUD operations with smooth create, edit, and delete functionality for notes.
- Integrated Upstash Redis-based rate limiting to protect API endpoints and ensure stable service.
- Deployed on Render; live demo: [Live Demo](#).

Finance Management System | Java, Swing, SQLite, JDBC

- Developed a desktop finance manager to track income and expenses, with interactive GUI using Java Swing.
- Implemented SQLite for persistent data, JFreeChart for analytics visualization, and CSV export via Apache POI.
- Integrated robust exception handling and input validation to ensure data integrity and reliability.
- Designed modular architecture with OOP principles to simplify future feature additions and maintenance.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript

Frameworks: React.js, Node.js, Express.js, EJS, FastAPI, JUnit

Tools: Git, VS Code, GitHub

Libraries: JDBC, JFreeChart, Apache POI, Swing, Bootstrap, Material-UI, GSAP, Tailwind CSS, React Router, DaisyUI, React-hot-toast

Databases: MongoDB, MySQL, PostgreSQL

OS: Linux, Windows

CERTIFICATIONS

- DBMS - SQL AND NoSQL
- Data Structures Using Java
- Agile Scrum in Practice
- DBMS - with JDBC
- Programming Using Java
- Software Engineering and Agile