

Aadithyaa R

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LeetCode | GitHub | Portfolio | LinkedIn

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*

Chennai, India

Aug 2023 – May 2027

- Player, Shiv Nadar University Table Tennis Team

Maharishi Vidya Mandir

Senior Secondary Education (Class XII) || Percentage – 95.20%

Hosur, India

Graduated: May 2023

PROJECTS

Landing Page – GSAP Cocktails

[Live Demo](#) | 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.

Product Management Application

[GitHub](#)

- Engineered a secure full-stack inventory system, implementing bot detection and rate limiting with Arcjet and hardening HTTP headers using Helmet for enhanced protection.
- Developed a dynamic, responsive UI with React and DaisyUI, leveraging Zustand for efficient and centralized state management to ensure a seamless user experience.

ThinkBoard – Notes Web App

[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

[GitHub](#)

- 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, Redis , Prisma(ORM)

OS: Linux, Windows

CERTIFICATIONS

- DBMS - SQL AND NoSQL
- DBMS - with JDBC

- Data Structures Using Java
- Programming Using Java

- Agile Scrum in Practice
- Software Engineering and Agile