Aadithyaa R

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

EDUCATION

Shiv Nadar University — Chennai
Bachelor of Technology in Computer Science (Internet Of Things) — *Aug. 2023 – Aug 2027 (Expected)*

RELEVANT COURSEWORK

- Data Structures
- Computer Organization
- Digital Design
- Discrete Mathematics
- Software Engineering
- Database Management
- OOP
- Operating System

PROJECTS

Landing Page – GSAP Cocktails | *React (Vite), Tailwind CSS, GSAP* — GitHub
- Developed a visually engaging landing page as a frontend-focused project using Vite + React and Tailwind CSS for modern styling.
- Implemented smooth and interactive animations using GSAP (GreenSock Animation Platform).
- Designed fully responsive layouts with Tailwind CSS and optimized UI for all screen sizes.
- Deployed and maintained live version of the landing page: Live Demo.

Simple Blog Application | *EJS, Node.js, MongoDB, Express.js, Bootstrap*
- Designed and developed a dynamic blog application with user authentication and content management features.
- Implemented CRUD operations for blog posts using MongoDB, ensuring efficient data storage and retrieval.
- Integrated EJS for server-side rendering, providing a seamless user experience with Bootstrap for responsive UI.
- Optimized application performance and security by implementing middleware in Express.js.

Finance Management System | *Java, OOP, Swing, SQLite, JDBC, JFreeChart, Apache POI*
- Developed a GUI-based finance management application using Java and Object-Oriented Programming principles.
- Integrated SQLite database for persistent storage, enabling seamless tracking of income and expenses.
- Implemented data visualization using JFreeChart to display financial insights with interactive pie charts.
- Enabled CSV export functionality for detailed transaction analysis using Apache POI.
- Designed a scalable architecture, allowing future enhancements like multi-user authentication and cloud database migration.

TECHNICAL SKILLS

Languages : Python, Java, C, C++, JavaScript
Frameworks : React.js, EJS, Express.js, Node.js, FastAPI, JUnit
Developer Tools : Git, VS Code, GitHub
Libraries & Tools : JDBC, JFreeChart, Apache POI, Swing, Bootstrap, Material-UI, GSAP, Tailwind CSS
Databases : MongoDB, MySQL, PostgreSQL
Operating Systems : Linux, Windows

VOLUNTEER EXPERIENCE

- **National Service Scheme (NSS)** — *Sept 2023 – Present*
  - Actively contributed to campus-wide cleaning campaigns, fostering a cleaner and healthier environment.
  - Participated in beach cleanup drives to promote community engagement and environmental sustainability.
  - Attended environmental awareness sessions, deepening my understanding of conservation and sustainability practices.

- **Event Management Volunteer – Crowd Committee** — *Invente, Instincts*
  - Gained hands-on experience in large-scale event management by organizing and coordinating college's technical fest (Invente) and cultural fest (Instincts).
  - Managed crowd control, ensuring smooth event operations and maintaining safety protocols.
  - Collaborated with event coordinators to enhance audience engagement and logistics handling.