

JAY FANSE

[LinkedIn](#) | [CodeChef](#) | [LeetCode](#) | [Github](#)

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EDUCATION

• **B.E. in Computer Science & Engineering**

The Maharaja Sayajirao University, Baroda

2021 – Pursuing

81.11%

PROJECTS

Expensia [[GitHub](#) • [Live](#)]

Tech Stack: MongoDB • Express • ReactJS • NodeJS • JWT • Graph Theory

- Helps to keep **track and manage group expenses** and **monitor debts** among group members.
- **Simplifies settle ups** by minimizing the number of internal transactions using a **graph-based algorithm**.
- Used **Json Web Token** to implement “remember me” functionality.

CodeVimarsh - Website [[GitHub](#) • [Live](#)]

Tech Stack: MongoDB • Express • ReactJS • NodeJS • API • JWT • Python

- Designed and implemented the **profile page** and **profile editing features**, including all **CRUD operations**.
- Built an **Admin dashboard** with authorization for adding, removing, and listing admins.
- Designed and developed a **contest registration form** with validation and secure database storage.
- Implemented a website **navigation bot** using **sentence-transformer model**.

MineSweeper - Game [[GitHub](#)]

TechStack: Java • Swing GUI • File Handling • Depth-First-Search Algorithm

- A fun to play **logic based puzzle game**.
- **Depth-first search algorithm** is used to explore new blocks.
- High Scores of players are maintained using the **File Handling System** of Java.

ACTIVITIES & CERTIFICATIONS

• **Incubator 4.0 – Winner**

- Participated in a **college-level Shark Tank** event where alumni provide funding to promising startup ideas.
- Secured a funding of **INR 2 Lakhs** for "[Booki](#) – **AI Redefines Reading**", an AI-integrated e-book marketplace offering an immersive reading experience.
- USP : **Infinite book snippets, Booki.ai**

• **Coordinator** and **Contest setter** at CodeVimarsh, MSU

- Core team member for conducting DSA based events and coding contests.

• [Google Cloud Digital Leader](#) Certification

SKILLS

- **Languages** : C, Java, Python
- **Frontend** : HTML, CSS, ReactJS, TailwindCSS
- **Backend** : NodeJS, ExpressJS, SpringBoot
- **Database** : MySQL, MongoDB
- **Tools** : Git/Github, Postman

ACHIEVEMENTS

• [CodeChef Starters 58](#): – **Global Rank 44**.

• [CodeChef](#) – Highest rating **1600+**

• [LeetCode](#) – **500+** Problems

• Winner of [Runtime](#), Footprints '24, MSU

• Winner of [Webtech](#), Footprints '24, MSU