

YAGNIK VASOYA

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Education

Nirma University

Oct.2021 – November 2025

Bachelor of Technology in Computer Science, **PPI: 8.66**

Ahmedabad, Gujarat

Technical Skills

Languages: C, C++,Mongo DB,SQL, HTML/CSS, JavaScript, Dart, Python, Java

Developer Tools: VS Code, Firebase, Android Studio

Technologies/Frameworks: React JS, Flutter, Node JS, Tailwind CSS, Django, OpenedX

Experience

Ifour Technolab

June - July 2024

Software developer Trainee Intern

- Built a collaborative code editor using React.js and Node.js and Weather Web app with open source api.

DRC Systems India Limited

Jan 2025 - July 2025

Python developer Trainee Intern

- Contributed to enterprise LMS and government projects using Django and Open edX.
- Developed backend APIs, database models, and resolved production issues under senior guidance.

DRC Systems India Limited

July 2025 - Present

Associate Software engineer

- Developing scalable LMS features, REST APIs, and backend services using Django and Open edX.
- Leading feature implementation, optimizing existing modules, and collaborating with cross-functional teams for enterprise and government projects.

Projects

Hostel ERP System | Node JS, React, Tailwind CSS, Flutter

November 2024-Present

- Developed a scalable ERP system using Node.js + Express and frontend with React + Flutter.
- Designed REST APIs for admission, gatepass, and approvals and used MYSQL for secure data storage.
- Added role-based access control and parent/admin approval flows.

🔗 [view website code](#) 🔗 [view Live website](#)

Analytical Dashboard | Node.js, React, Tailwind CSS, MongoDB

December 2025

- Built a responsive analytics dashboard with Chart.js, advanced filters, AI chatbot, and third-party API integration.
- Developed backend APIs for analytical insights and interactive data visualization.

🔗 [Code](#) 🔗 [Live](#)

Multiplayer Card Game | React, Node.js, Express, Redux Toolkit

May 2025

- Built a scalable multiplayer 2v2 card game using synchronized game state, AI opponents, event-driven gameplay, matchmaking, and persistent sessions.
- Implemented game engine logic including trick evaluation, round progression, team scoring, trump mechanics, reconnect support, animated gameplay, and optimized state management with Redux Toolkit.

🔗 [Code](#) 🔗 [Live](#)

SplitEase | Flutter, Firebase

March 2024

- Developed a cross-platform expense-sharing app with Firebase Authentication and Firestore.
- Implemented group expense tracking, balance calculation, and real-time synchronization.

🔗 [Code](#)

Competitive Programming

Codeforces | Yagnik.Vasoya

- Max Rating: **1449** (Specialist)

Achieved high proficiency in competitive programming with consistent performance across **50+** contests.

Effectively solved over **800+** complex problems, applying advanced algorithms and data structures.

Leetcode | Yagnik Vasoya

Solved **250+** problems, utilizing advanced algorithms and coding methods.

Codechef | yagnikvasoya25

- Max Rating: **1492** (2 star)