

# OM NAKRANI

 [leetcode.com/u/omnakrani](https://leetcode.com/u/omnakrani)  [github.com/OmNakrani](https://github.com/OmNakrani)  [TakeUForward](#)  
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## Professional Summary

Motivated Information Technology undergraduate with strong foundations in data structures, algorithms, and full-stack web development. Hands-on experience building scalable web applications and RESTful APIs using modern frameworks. Seeking a Software Developer Internship to apply problem-solving skills, collaborate in agile teams, and contribute to real-world engineering projects.

## Projects

### SplitWise Expense Management System (Next.js, MongoDB, Firebase)

- Designed and developed a group expense management platform to split and track shared expenses among users.
- Implemented group creation, expense tracking, balance calculation, and settlement reports.
- Optimized balance calculations using efficient data structures and algorithms.
- Enabled real-time updates and notifications using Firebase.

### SplitGrow Application (React Native, Next.js, Firebase)

- Developed a full-stack application for adding daily expenses in various types of group.
- Implemented user authentication with using firebase, and also fast reloads whole groups and expenses with using caching.
- Used next.js for backend which adds all expenses and also handles all calculations in SQLite database as well as firebase realtime database.

### Todo Management Web Application (React.js, Node.js, Express.js, MongoDB)

- Built a full-stack task management system with complete CRUD functionality.
- Developed RESTful APIs using Node.js and Express.js.
- Integrated authentication with email verification and Google OAuth.
- Used Mongoose for schema design and optimized database operations.

## Technical Skills

- **Languages:** C, C++, Java, Python, JavaScript
- **Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js
- **Web Development:** HTML, CSS, Bootstrap, Tailwind CSS
- **Databases:** MongoDB, MySQL, PostgreSQL, Firebase
- **Developer Tools:** Git, Visual Studio Code
- **Core Concepts:** Data Structures & Algorithms, REST APIs

## Education

### Dharmsinh Desai University

Bachelor of Technology, Information Technology — CPI: 8.52

2023 – Present

### P. P. Savani Vidhyabhavan

Higher Secondary Education (GHSEB) — 84.76%

2023

## Certifications & Achievements

- Solved **700+** problems on LeetCode with a current rating of **1673**.
- Solved **200+** DSA problems on TakeUForward.
- Secured **912 ACPC Rank** in 12<sup>th</sup> Science (GHSEB).