

# HARSH PATADIA

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[in LinkedIn](#) | [Portfolio](#) | [GitHub](#) | [LeetCode](#)

## SUMMARY

Computer Engineering student with full-stack development experience using React.js, Node.js, JWT, Socket.IO and MongoDB. Created innovative solutions in healthcare technology and financial inclusion with strong foundations in data structures, algorithms, and software engineering principles.

## EDUCATION

- 2021 - 2022 Higher Secondary Education (GSEB)**  
Baroda Lions School, Alkapuri, Vadodara, Gujarat  
Percentage: 88%
- 2022 - 2026 Bachelor of Technology in Computer Engineering**  
Dharmsinh Desai University of Technology, Nadiad, Gujarat  
CGPA: 7.88/10.0

## TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python, C++, C#, C, Java, Dart, SQL
- **Frameworks & Libraries:** React.js, Express.js, Node.js, JWT, WebSocket, ASP.NET MVC, FastAPI, Flutter
- **Databases & Tools:** MongoDB, MySQL, Entity Framework, Git, GitHub, Postman
- **Core CS Concepts:** Data Structures & Algorithms, DBMS, OOP, DAA, Discrete Mathematics, CSS, Microprocessor 8086, Computer Networks

## PROJECTS

- **SymptoCure — ML-Powered Healthcare Platform** | [GitHub](#) | [View Demo](#)
  - **Problem:** Difficulty in early diagnosis and access to immediate medical consultations for common symptoms.
  - **Solution:** Developed an ML-powered platform for intelligent symptom-based disease prediction, real-time doctor consultations.
  - **Technologies:** React.js, Node.js, FastAPI, MongoDB, Scikit-learn, Socket.IO, JWT, Tailwind CSS.
  - **Impact:** Improved accessibility to preliminary healthcare advice, reduced errors in self-diagnosis, and improved efficiency of patient-doctor communication.
- **RuralFin — Financial Inclusion Platform** | [GitHub](#) | [View Demo](#)
  - **Problem:** Financial exclusion in rural and low-income communities due to lack of accessible digital finance tools.
  - **Solution:** Created a hybrid cash-digital wallet system with agent-assisted services and secure budgeting.
  - **Technologies:** React.js, Node.js, ExpressJS, MongoDB, Socket.IO, JWT, Tailwind CSS.
  - **Impact:** Increased financial inclusion, reduced reliance on physical cash, and promoted digital financial literacy in under served areas.
- **QuizBuzz — Web-Based Quiz Application** | [GitHub](#)
  - **Problem:** Lack of engaging online platforms for learning assessment and quiz-based skill evaluations.
  - **Solution:** Developed an interactive platform where users can create, attempt, and track customized quizzes with secure user authentication and result history.
  - **Technologies:** HTML, Tailwind CSS, JavaScript, ASP.NET MVC, C#, Entity Framework, SQL Server.
  - **Impact:** Enhanced learning engagement, streamlined quiz creation and tracking, and provided users with detailed performance analytics.

## HACKATHON HIGHLIGHTS

### Odoo x Charusat — RuralFin (Financial Inclusion Platform)

*Top 75 Finalist, Hackathon 2025*

Selected as one of the top 75 teams out of hundreds of participants for creating an innovative solution to bridge financial inclusion gaps in rural and underbanked communities. The project aimed at providing secure, accessible, and user-friendly financial tools to empower individuals with digital finance capabilities.

- Developed a hybrid cash-digital finance system for rural areas, enabling seamless transactions and financial literacy.
- Built using React.js, Node.js, Express, JWT, WebSocket and PostgreSQL.
- Collaborated with a cross-functional team to address real-world financial challenges, creating an impactful solution for underserved communities.