

# BARTHNA PATEL

Computer Science Engineering Student  
New L.J. Institute of Engineering & Technology  
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## ABOUT ME

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Computer Science Engineering student with interest in mobile app development, web technologies, and artificial intelligence. Currently working on **DudhSathi**, a real-world Flutter-based dairy management application.

## EDUCATION

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- **B.E. Computer Science & Engineering** — New L.J.I.E.T, Ahmedabad *Nov 2022 – Present*  
CPI: 9.56
- **HSC** — Sarva Vidhyalaya, Kadi *2021 – 2022 — 72%*
- **SSC** — M. A. Patel High School, Ahmedabad *2019 – 2020 — 85%*

## EXPERIENCE / INTERNSHIPS

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- **Intel AI Internship** *Mar 2025 – Jul 2025*  
Developed an AI-based material alternative recommendation system.
- **IBM SkillBuild (CSRBOX)** *Jul 2025*  
Built an AI-powered medical chatbot for symptom-based suggestions.
- **Top Notch Solutions** *Jun 2025 – Jul 2025*  
Worked on machine learning fundamentals and practical implementations.

## PROJECTS

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- **DudhSathi – Dairy Management App (Ongoing)** *Dec 2025 – Present*  
Currently developing a Flutter-based application to digitize milk delivery, customer records, and automated billing using Firebase.
- **Mind Ease – Emotion Detection Web App** *Jul 2025*  
Developed an emotion detection system using Flask and machine learning models to analyze user input and generate supportive responses.
- **QRGenX Ultra** *May 2025*  
Created a customizable QR code generator with logo, color, and theme support.
- **InviteKaro Card** *Apr 2025*  
Built a React-based online invitation card designer with reusable templates.
- **Darth Coffee** *Mar 2025*  
Designed an interactive cafe website featuring digital menu and ordering flow.
- **Escape The Code** *Feb 2025*  
Conceptualized and presented a coding-based game idea and created a short prototype video in Unity to demonstrate gameplay and learning flow.
- **World Tourism Website** *Jan 2025*  
Developed a travel guide website showcasing countries and attractions.
- **Brain Developing Games** *Nov 2024*  
Designed logic-based mini games to enhance cognitive and problem-solving skills.

## TECHNICAL SKILLS

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- **Languages:** Python, JavaScript, C, Java, PHP
- **Mobile & Web:** Flutter, HTML, CSS, React
- **Tools:** Firebase, MongoDB, Unity, Android Studio, Figma

## ACHIEVEMENTS

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- Ranked Top 10 in GTU (Semester 5 & 6) based on CPI.
- Secured 3rd Rank in National Essay Competition — Rs. 10,000.
- Selected to present a project idea at **LJ Innovation**, gaining opportunity to showcase concept and implementation approach.