

# Dipesh Soni

Bachelor of Technology  
Geetanjali Institute of Technical Studies, Udaipur

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## Objective

I don't claim to know everything, and that's the idea. I like the process of solving problems, intentionally damaging things, repairing them, and improving the next time. I've learned to accept that technology is changing quickly. I'm here to help, whether it's learning a new framework, resolving an issue that kept me up at night, or creating something just to see if I can. Learning, in my opinion, never ends. There's always a better way to do things, and I'm always interested enough to look for it.

## Education

- **Bachelor of Technology in Computer Science and Engineering** 3rd year  
*Geetanjali Institute of Technical Studies, Udaipur* CGPA: 9.55
- **Senior Secondary (12<sup>th</sup> Grade)** 2021 - 2022  
*Chayanan Public Sr Sec School, Bikaner* Percentage: 93.2%
- **Secondary (10<sup>th</sup> Grade)** 2018 - 2019  
*Ankur Vidhya Ashram Sec School, Bikaner* Percentage: 79.83%

## Team Projects

- **MilkoScan - Milk Quality Detection Device**  
*A web-integrated IoT solution for detecting urea in milk and providing real-time quality assessment.*
  - Built both frontend and backend to interface with the IoT device, ensuring seamless data visualization and interaction.
  - Provided real-time quality metrics to assess milk adulteration for dairy monitoring.
  - **Technologies Used:** React.js, Node.js, MongoDB, IoT Sensors.
- **NutriScan - Food Quality & Distribution Platform**  
*A web platform that scans food quality and helps redistribute leftover food from restaurants and hotels to the needy.*
  - Designed and developed the complete website ensuring real-time quality check integration for food items.
  - Implemented a portal for restaurants to publish leftover food available for donation.
  - **Technologies Used:** HTML, CSS, JavaScript, Node.js, MongoDB.

## Personal Projects

- **Ghummakad - Hotel Booking Website**  
*An end-to-end web application for seamless hotel booking with user authentication, availability checks, and booking management.*
  - Developed a full-stack hotel booking system including frontend UI, backend logic, and MySQL database integration.
  - Implemented features such as user registration/login, real-time room availability, booking and cancellation functionalities.
  - **Technologies Used:** HTML, CSS, JavaScript, Node.js, Express.js, MySQL.
- **Pixelwings - Creative Digital Solutions**  
*A web-based platform designed to connect customers with professional developers and designers for web, app, and UI/UX projects.*
  - Provides an interactive interface where clients can explore services, request custom solutions, and collaborate directly with developers.
  - Integrated a secure authentication and inquiry system, ensuring safe and personalized client interactions.
  - **Technologies Used:** Typescript, TailwindCSS, React.js, Node.js.

## Technical Skills and Interests

**Languages:** C, C++, JavaScript (ES6+), HTML5, CSS3  
**Libraries/Frameworks:** React.js, Tailwind CSS, Express.js (basic), Node.js  
**Web Development Tools:** Visual Studio Code, Git & GitHub  
**Databases/Cloud:** MySQL, MongoDB, Firebase (Authentication & Firestore)  
**Version Control:** Git, GitHub Actions (introductory)  
**Areas of Interest:** Full Stack Web Development, Cloud Computing  
**Soft Skills:** Problem Solving, Rapid Learning Ability, Team Collaboration, Effective Communication, Time Management, Adaptability

## Certification

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- **Programming Solving through Programming in C** *NPTEL*  
*Indian Institute of Technology, Kharagpur* April 2024
- **AWS Cloud Practitioner Essentials** *AWS skill builder*  
*Amazon Web Services* November 2024
- **DataBase Management System** *NPTEL*  
*Indian Institute of Technology, Kharagpur* March 2025
- **System Administrator** *RedHat*  
*Red Hat Certified* July 2025

## Achievements

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- **Winner - CodeFiesta Hackathon 3.0 (24 Hours)** *Global Institute of Technology, Jaipur*  
*Collaborated with a team to brainstorm, prototype, and deploy a functional application.* October 2024
  - Secured 1st place among 100+ teams for developing an innovative solution during a 24-hour hackathon.
- **Finalist - International Innovation Challenge** *Manipal University, Jaipur*  
*Collaborated with a team to ideate, design, and present a tech-driven innovative solution.* October 2024
  - Selected as one of the finalists among numerous teams for proposing a high-impact solution at a prestigious innovation challenge.
- **Internal Winner - Smart India Hackathon (SIH)** *Institution Level*  
*Collaborated with a team to brainstorm, to solve the .* October 2023
  - Selected as internal winner for SIH 2023, representing the institute at the national level.

## Positions of Responsibility

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- **Scientific Volunteer** Institute for Plasma Research (IPR) *April 2024*
  - Contributed to scientific outreach by guiding visitors and explaining plasma technologies during exhibition.
  - Engaged with students and attendees to spread awareness about advancements in plasma research.
- **Event Management Volunteer** Innovation, Design and Entrepreneurship (IDE) *Jan 2024*
  - Managed registration and coordination desk, ensuring orderly participant on boarding and session tracking.
  - Helped manage event schedules and coordinated with facilitators for efficient session delivery.
- **Design Lead** Centre for Incubation & Innovation (CII Club) *Nov 2024 – Present*
  - Led the visual identity and branding of the club, including posters, presentations, and social media content.
  - Collaborated with core team members to design promotional materials for workshops, events, and pitch sessions.