# ASHISH PRAJAPATI

**CE - DDIT Nadiad 2021-2025**

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## EXPERIENCE

### Summer Project Intern
*Bhaskaracharya National Institute for Space Applications and Geo-informatics*

📅 May 2024 – July 2024       📍 Gandhinagar, Gujarat

- Developed a quiz monitoring system with anti-cheating features (randomization, browser lockdown, IP tracking), and integrated webcam/microphone recording for real-time monitoring and alerts.

## PROJECTS

### Supply Chain Management System
- Streamlined the E-Commerce ordering process, inventory management, and delivery logistics, optimizing the flow from order placement to final delivery and ensuring efficient resource allocation (Knapsack Algorithm).
- Optimized E-commerce flow & ensured stability under load via JMeter (GET requests) testing (25.6 req/sec, 0.52% error rate).
- Maintained an average response time of 3.089 seconds for 131,987 requests.
- Technologies: Java Spring Boot, ReactJS, JWT, Flask, NodeJS.
- **Links :**  Backend   Admin   Frontend

### University Management System
- Developed a University Management System for HODs, admins, T&P Cell Operators, Time Table Operators, faculty, and students.
- Enabled report access, announcements, and streamlined data management.
- Optimized backend performance using JMeter (GET requests). Achieved a high throughput of 48.3 requests/second with exceptional stability (0.001% error rate).
- Technologies: MERN Stack.
- **Links :**  Backend   Frontend   Live

### Anubhav Baatein
- Formulated a platform for students to gain insights from alumni who have successfully navigated placement interviews.
- Enabled alumni to share their interview experiences, offering valuable guidance and inspiration.
- Technologies: Java Spring Boot, ReactJS, Firebase, Shadcn (UI Library).
- **Links :**  Source   Live

## EDUCATION

### B.Tech in Computer Science & Engineering
**Dharmsinh Desai University**

📅 CPI: 8.53       📍 DDIT-2025

### Senior Secondary Examination GSEB - Class XII
**Sharda Mandir School**

📅 Percentage: 93%       📍 GSEB-2021

### Higher Secondary Examination GSEB - Class X
**Sharda Mandir School**

📅 Percentage: 95%       📍 GSEB-2019

## TECHNICAL SKILLS

- **Programming Languages:**  Java (Competitive Programming)   C   C++   Python   JavaScript
- **Data Structures & Algorithms**
- **Web Development:**  Java Spring Boot   MERN Stack
- **Databases:**  MySQL   MongoDB
- **Other:**  Object-Oriented Programming   Machine Learning
- **Tools:**  Docker (Basic)   Git & Github

## ACHIEVEMENTS

- Top 15 in DUHacks 3.0 Hackathon
- All India JEE Mains Rank: 70,000

## CODING PROFILE

- **LeetCode:** ashish_prajapati [Highest Rating: 1616]
- **Devfolio:** Ashish_2901

## CERTIFICATIONS

- **Coursera:** Supervised Machine Learning
- **LinkedIn:** in OpenCV

## MINI PROJECTS

### Invoice Generator
- Created a web application for generating invoices and managing products.
- Technologies: ExpressJS, NodeJS, ReactJS - Vite.
- **Links :**  API   Frontend   Live WebApp   Live API

### Blog Management System
- Constructed a platform for users to perform CRUD operations on blogs with commenting and liking features.
- Integrated a recommendation system for top blogs.
- Technologies: Java Spring Boot, ReactJS, JWT.
- **Links :**  Backend   Frontend

### Find Nearest Amenities
- Established an online platform to find the nearest amenities and mark user locations.
- **Links :**  Source

### Automatic Attendance System
- Engineered a computer vision system for tracking student attendance using registered photos.