

# Nishant Asnani

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## Education

### Dhirubhai Ambani University

M.Tech – Software Systems    **CPI: 7.78**

2025 – Present

Gandhinagar, Gujarat

### Sarvajani College of Engineering and Technology

B.E. – Computer Engineering    **CPI: 8.99**

2020 – 2024

Surat, Gujarat

### St. Francis of Assisi Convent High School (GSEB)

HSC (Class XII)    **Percentage: 74%**

2019 – 2020

Navsari, Gujarat

### Sir J.J High School (GSEB)

SSC (Class X)    **Percentage: 89%**

2017 – 2018

Navsari, Gujarat

## Experience

### Crest Infosystems

Software Engineer L2

Jan 2024 – Jul 2025

Surat, Gujarat

- Developed RESTful APIs using Node.js and Express for internal ERP systems supporting business operations for 250+ employees.
- Designed database schemas for 4+ ERP modules and developed a role-based access control system to manage permissions for 250+ internal users across different user roles.
- Designed and implemented core backend components of an AWS-based system using RBAC, structured workflow management, and scalable cloud storage with S3.
- Leveraged AWS Bedrock API to develop a custom conversational assistant integrated with application data and user workflows.

## Projects

### Dynamite-CLI (DynamoDB Migration Tool) | *DynamoDB, Node.js*



- Built a Node.js-based CLI tool to manage DynamoDB table migrations and seed data through structured files.
- Implemented migration execution, rollback functionality, and status tracking using a metadata table to maintain schema history.
- Designed a modular command architecture to support creation, execution, undo, and listing of migrations, improving workflow consistency.

### S.A.I.L ( Speech Analysis Intelligence and Logging) | *Node.js, Express.js, React.js, MongoDB, AssemblyAI*



- Developed backend REST services for an AI-powered meeting assistant to generate transcripts and structured MoM.
- Integrated Google Calendar and Jira APIs to automate meeting scheduling and task synchronization.
- Implemented automated PDF generation for downloadable meeting summaries.

## Technical Skills

**Languages:** C,C++, Python, JavaScript

**Developer Tools:** Git, Postman, VS Code, Linux Shell, NewRelic

**Frameworks:** React.js, Node.js, Express.js, Tailwind CSS

**Cloud/Databases:** MongoDB, MySQL, AWS (S3, DynamoDB, EC2), SupaBase(Auth,Storage)

**Soft Skills:** Team Collaboration, Leadership, Problem Solving, Communication, Time Management

**Coursework:** Data Structures and Algorithms, Operating Systems, DBMS, Computer Networks, Software Engineering

**Areas of Interest:** Backend Development, System Design, Cloud Computing, DevOps

## Position Of Responsibility

### Member

Innovate4India (NGO)

Aug 2022 - Sept 2022

- Conducted door-to-door awareness campaigns on waste segregation and collected survey data from local households.

## Achievements

- Qualified GATE CS 2024 with AIR 5878