

# Nishant Asnani

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[github.com/NishantAsnani](https://github.com/NishantAsnani)

## Education

<b>Dhirubhai Ambani University</b>	2025 – Present
M.Tech – Software Systems	Gandhinagar, Gujarat
<b>Sarvajanik College of Engineering and Technology</b>	2020 – 2024
B.E. – Computer Engineering	Surat, Gujarat
<b>St. Francis of Assisi Convent High School (GSEB)</b>	2019 – 2020
HSC (Class XII) Percentage: 74%	Navsari, Gujarat
<b>Sir J.J High School (GSEB)</b>	2017 – 2018
SSC (Class X) Percentage: 89%	Navsari, Gujarat

## Experience

<b>Crest Infosystems</b>	Jan 2024 – Jul 2025
Software Engineer L2	Surat, Gujarat
<ul style="list-style-type: none"><li>Developed RESTful APIs using Node.js and Express for internal ERP systems supporting business operations for 250+ employees.</li><li>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.</li><li>Designed and implemented core backend components of an AWS-based system using RBAC, structured workflow management, and scalable cloud storage with S3.</li><li>Leveraged AWS Bedrock API to develop a custom conversational assistant integrated with application data and user workflows.</li></ul>	

## Projects

<b>Dynamite-CLI (DynamoDB Migration Tool)</b>   <i>DynamoDB, Node.js</i>	
<ul style="list-style-type: none"><li>Built a Node.js-based CLI tool to manage DynamoDB table migrations and seed data through structured files.</li><li>Implemented migration execution, rollback functionality, and status tracking using a metadata table to maintain schema history.</li><li>Designed a modular command architecture to support creation, execution, undo, and listing of migrations, improving workflow consistency.</li></ul>	
<b>S.A.I.L (Speech Analysis Intelligence and Logging)</b>   <i>Node.js, Express.js, React.js, MongoDB, AssemblyAI</i>	
<ul style="list-style-type: none"><li>Developed backend REST services for an AI-powered meeting assistant to generate transcripts and structured MoM.</li><li>Integrated Google Calendar and Jira APIs to automate meeting scheduling and task synchronization.</li><li>Implemented automated PDF generation for downloadable meeting summaries.</li></ul>	

## 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

<b>Member</b>	Aug 2022 - Sept 2022
Innovate4India (NGO)	
<ul style="list-style-type: none"><li>Conducted door-to-door awareness campaigns on waste segregation and collected survey data from local households.</li></ul>	

## Achievements

- Qualified GATE CS 2024 with AIR 5878