# CH.NISHITHA

Roll No.:U21CS048

B.Tech - Computer Science and Engineering

National Institute of Technology Surat

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#### **EDUCATION**

Degree/Certificate	${\bf Institute/Board}$	CGPA/Percentage	Year
B.Tech. CSE	National Institute of Technology, Surat	7.94 (Current)	2023-Present
Higher Secondary	BIEAP Board	97.9%	2021
Secondary	SSC Board	10	2019

#### EXPERIENCE

#### • JohnDeere India Pvt.Ltd

May 2024 - July 2024

Pune, India

 $Software\ Developer\ Engineer\ -\ Intern$ 

- API Development and Integration Developed and integrated APIs using Java and Spring Boot in the Spring Tool Suite framework. Utilized Postman for testing and validating API responses. Successfully connected front-end and back-end components to achieve seamless data flow and functionality.
- Database Interaction Implemented data access layers using Hibernate and JPA to interact with relational databases, ensuring efficient data storage and retrieval, and used DBeaver for database queries and data storage.
- Utilized **AWS services** including EC2, RDS, Lambda, API Gateway, IAM, CodePipeline and Secrets Manager for deploying, managing, and scaling the application.

## PROJECTS

#### - Online Bus Booking Application

March 2023 - May 2023

Website

- \* Pioneered this application as a part of full stack development learning.
- \* Worked as a group of 4 members, this website consists of all the ease ways for the customer.
- A1-Bakery website

Familiar bakery in Surat

Jan 2023 Completed within 10 days

Website

- \* Participated in **GWOC** GOOGLE WINTER OF CODE by taking the **lead** in the group of 4 people.
- \* Created a **realtime** website by fulfilling the requirements of bakers.
- Online Food Delivery website

June 2022 - July 2022

Website

- \* Developed an user friendly website, worked as an individual.
- \* Technologies used in the website are HTML, CSS.

### TECHNICAL SKILLS

- -Computer Languages: SQL, Javascript, Python, C/C++, Java, HTML, CSS, React, Currently learning UI/UX designing
- $-\textbf{Software Packages}: \textbf{Springboot} \text{ , ReactJS, MongoDB, Git , NodeJS, PostgreSQL, JUnits*, Karate DSL} \\ *$

Elementary proficiency

# KEY COURSES TAKEN

-Computer Science: Data Structures, Database Management System, Design and Analysis of Algorithms, Computer Networks, Operating system, Machine Learning, Artificial Intelligence.

## Positions of Responsibility

- Cultural Secretary, Hostel Management Committe, NIT Surat
- Coordinator, Culturals Affairs Committee, NIT Surat
- Junior Developer, GDSC, NIT Surat
- CHRD Member, Part of Malang Dance club, NIT Surat

#### ACHIEVEMENTS

- SDE Intern at John Deere, Shortlisted among the top 10 where more than 100 registered. May 13th 2024 July 13th 2024
- Prestigious Certificate, Received the Certificate from Commissioner of Surat for participation in 77th independence day. Aug 15th
- Entertainment Category , Achieved the top place in the dance competition in the most well known event, Sparsh. Apr 7th 2023
- IMO.International Mathematics Olympiad exam, Shortlisted among the top 20 where more than 3000 registered. 2018-2019

#### Interests

Dancing, Listening to music, Cooking