

Sumit Bhikhchandani

☎ +91-9727247668 | ✉ sumitbhikhchadani.dev@gmail.com | [🌐 LinkedIn](#) | [🐙 GitHub](#) | [LeetCode](#) | [Portfolio](#)

EDUCATION

Pandit Deendayal Energy University, Gujarat

B. Tech in Information and Communication Technology

2021-2025

CGPA: 9.05

EXPERIENCE

BISAG (Bhaskaracharya Institute for Space Applications and Geo-Informatics)

May 2024-Present

(Software Engineer Intern)

- Interning at BISAG on a 'Data Quality' project within the MERN stack, focusing on ensuring data accuracy and consistency across various dimensions.
- Addressing meta-quality, completeness, logical consistency, positional accuracy, thematic quality, and temporal quality within the project.
- Utilizing the MERN stack to develop and implement solutions for maintaining high data quality standards.

PERSONAL PROJECTS

GoFood MERN Application([Link](#))

April 2024

React, Node.js, Express, MongoDB

- User Authentication: Implemented secure user authentication and authorization using JWT for login and session management.
- Frontend Development: Designed an intuitive interface with React, allowing users to browse menu items, add items to the cart, and place orders.
- Secure Password Handling: Enhanced security by hashing passwords with bcrypt for data stored in MongoDB.
- RESTful API Creation: Developed robust APIs for user registration, login, order placement, and order history retrieval.

CI/CD Pipeline For Node.js Application ([Link](#))

June 2024

Jenkins, Docker, GitHub, SonarQube, Node.js

- Set up Jenkins to automate code cloning from GitHub and configured Docker for image building and container deployment.
- Integrated SonarQube for static code analysis to maintain high code quality and implemented secure DockerHub credential management.
- Streamlined deployment by automating container stop, removal, and deployment processes using Jenkins, Docker, and GitHub.

Automatic Subtitle Generation for Videos ([Link](#))

June 2024

Python, MoviePy, SpeechRecognition

- Developed a Python script using MoviePy and SpeechRecognition to automate subtitle generation for videos and developed a Python script to automate generating subtitles for videos based on their audio content.
- Extracted audio, transcribed it with Google's speech recognition, and generated subtitles in SRT format.
- Enhanced accessibility by embedding generated subtitles into the original video.

TECHNICAL SKILLS AND INTERESTS

Tech: C++, C, HTML, CSS, JAVASCRIPT, NODEJS, EJS, JQUERY, BOOTSTRAP, API, REST, MongoDB, SQL, Amazon AWS

Developer Tools: Git, GitHub, Visual Studio, VS Code, Dockers, Jenkins

Web Scraping: BeautifulSoup, Selenium

Operating Systems: Linux, Windows, Android

Soft Skills: Problem Solving, Time Management, Teamwork, Leadership, Accountability, Communication

Areas of Interest: Web Development, Software Development, Algorithms, Problem Solving.

POSITIONS OF RESPONSIBILITY

Publicity Head, Cretus - Robotics and Automation club, Student Club PDEU

CERTIFICATES

• NPTEL Understanding Incubation And Entrepreneurship ([Link](#))

Oct 2023

• Udemy Mastering Data Structures and Algorithms using C and C++ ([Link](#))

May 2023

Achievements

• Finalist, Odoob Combat 2024 Hackathon

Participated in the Odoob Combat 2024 hackathon and advanced to the final round, showcasing innovative solutions and strong technical skills in a competitive environment.

• Problem Solving

Solved over 100+ problems on LeetCode and CodeChef, demonstrating proficiency in algorithms and data structures.