



Sagar Gupta

Roll No.: 21MCF1R47

Master of Computer Application (MCA)

National Institute Of Technology, Warangal

+91-8770532413

sg85207@gmail.com

sgmc21107@nitw.ac.in

[Sagargupta16](#)

[sagar-gupta-16-10](#)

EDUCATION

• National Institute of Technology, Warangal

Master of Computer Application (MCA)

Aug 2021 - Jun 2024

CGPA: 8.43

• Sanskar College Of Professional Studies (DAVV University), Indore

Bachelor of Computer Applications (BCA)

Jun 2018 - Jun 2021

CGPA: 7.34

EXPERIENCE

• Ikarus-3D

Software Developer Associate Intern

May - July 2023

Mohali, India

- Automated the linting, testing, build and deployment of various web applications using a CI/CD workflow with GitHub Actions.
- Containerized the application using Docker and deployed it on AWS using ECR and ECS.
- Implemented linting for Python (pylint, flake8, Black), JavaScript/TypeScript (ESLint) and CSS (Stylelint)
- Managed versioning in the CI/CD workflow.
- Conducted testing with Pytest (Python) and Jest (JavaScript).
- Deployed SonarQube on AWS EC2 from Amazon Marketplace and integrated it into GitHub workflows.
- Integrated SonarQube with Amazon RDS for seamless data storage and retrieval.
- Provisioned Forem, utilizing Ansible for infrastructure automation and deployment.

PERSONAL PROJECTS

• Contact Manager

This application is designed to help users manage their contacts effectively

Jun - July 2022

[GitHub Repo](#)

- Tools & technologies used: React, React Router, Redux, Node-Js , Express-Js and MongoDB .
 - Implemented all CRUD Operations like add, edit, search and delete contacts.
 - Implemented Routing System inside app which displays every page with 0 refresh rate.
 - Included Dark mode and light mode switching feature your preference gets save locally as well.
 - Implemented Searching feature Which shows only contact which contains letters as user type in search box.
 - Employed No-SQL database, MongoDB with the help of MongoDB ODM, mongoose.

• Personal Portfolio Website

A website for showcasing my skills, projects, and achievements in an interactive and user-friendly manner.

May - Jun 2022

[GitHub Repo](#)

- Tools & technologies used: HTML, CSS and JavaScript
 - Implemented Nav-bar,Section body and Site Structure Using HTML.
 - Achieved Responsiveness, Color themes, Formatting and Presentation using CSS.
 - Included switching themes, dark-mode and typing effect functionalities using vanilla JavaScript.

TECHNICAL SKILLS AND INTERESTS

Languages: C++, Python, C, Java, R, SQL, HTML, CSS, JavaScript.

Developer Tools: Git, GitHub, Docker, Ansible, SonarQube, GitHub Actions, Unity Engine.

Frameworks: React, Fast-API, Rest-API, ExpressJS.

Cloud/Databases: AWS EC2, AWS ECR, AWS RDS, MongoDB, MySQL.

Soft Skills: Leadership, Teamwork, Communication, Critical Thinking.

Coursework: Cloud Computing, DSA, Database, Game Development, Web Technologies, Image Processing.

Areas of Interest: Full-Stack Development, DevOps, Data Science, Game Development.

ACHIEVEMENTS

- 1st Position at Coding Cauldron Online VERSION 23' (A Coding Contest Organised by NIT-T).
- 1st Position at QFiesta IGNOSI 22' (Tech Quiz Organised by NIT-W).
- 1289th Position(Top 5%) at Google Kick-start Round E '22.
- 3rd Position at INFOTREK '22 LOGIC HEAD (A Coding Contest Organised by NIT-T).
- 3rd Position at Event MOTHRA - VERSION '21 (A Coding Contest Organised by NIT-T).

[Certificate](#)

[Certificate](#)

CODING PLATFORM PROFILES

LeetCode(Sagargupta1610): Did 900+ Questions DSA based, Participated 60+ Contests and 1950+ Rating.

GFG(sagargupta10): Did 300+ Questions DSA based.

Hacker-Rank(Sagargupta1610): Achieved 6 Star (Problem Solving) , 5 Star (C++).

CodeChef(sagargupta_16): Achieved 3 Star Rating and Participated 20+ Rated Contests.