

# Sagar Gupta

[Sagargupta16](#) | [sagar-gupta-16-10](#) | [sg85207@gmail.com](mailto:sg85207@gmail.com) | [+91-8770532413](tel:+91-8770532413)

## Education

### National Institute of Technology Warangal, Telangana

Master of Computer Application (MCA)

Aug 2021 - Jun 2024

8.43 CGPA

### Sanskar College Of Professional Studies (DAVV University), Indore, MP

Bachelor of Computer Applications (BCA)

Jun 2018 - Jun 2021

7.34 CGPA

### Happy Days School, Shivpuri, MP

Higher Secondary School - CBSE - (PCM+PE)

Apr 2017 - Apr 2018

81.6 %

### Kids Garden School, Shivpuri, MP

Secondary School - CBSE

Apr 2015 - Apr 2016

7.40 CGPA

## Experience

### Ikarus-3D

Software Developer Associate, Internship

May 2023 - July 2023

Mohali, India

- Automated the CI/CD pipeline using GitHub Actions, enhancing the deployment process of a web application.
- Led the containerization of an application with Docker and orchestrated deployment to AWS using ECR and ECS.
- Standardized codebase by implementing linting tools for Python, JavaScript/TypeScript, and CSS.
- Deployed SonarQube on AWS EC2 for code analysis and integrated it with Amazon RDS for improved data handling.
- Mastered and provisioned the Forem platform for infrastructure automation using Ansible, streamlining deployment workflows.

## Projects

### Personal Portfolio

Crafted an interactive portfolio website showcasing my skills and achievements, optimized for multiple devices.

July - August 2023

[GitHub Repo](#)

- Tools & technologies used:** React, React router, HTML, CSS, JavaScript, GitHub.
  - Developed a responsive Single-Page Application for mobile and a Multi-Page Application for desktop.
  - Incorporated eye-catching hover effects, shadowing, and Enabled smooth navigation with 0 refresh rate.
  - Integrated EmailJS for efficient direct contact within the website.

### Contact Manager

Engineered a full-stack MERN application to streamline contact management with complete user authentication.

Jun - July 2022

[GitHub Repo](#)

- Tools & technologies used:** React, React Router, Redux, Node.js, Express.js, MongoDB.
  - Built a full-stack web application enabling CRUD operations for contact management.
  - Designed a user-friendly UI with toggleable dark and light modes, storing user preferences locally, using Redux for state management.

### Other Projects

- Music Web App** : Developed Music Web Player Using HTML, CSS, and JavaScript.
- Minesweeper Game** : Created Classic Minesweeper Game Using C# in Unity Engine.
- Snake Game** : Created Classic Snake Game Using C# in Unity Engine.

## 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, Cloud Computing, Game Development.

## Positions of Responsibility

- Class Representative, MCA Final Year, National Institute of Technology, Warangal.
- Additional Secretary, CSEA, focusing on Contest and Development teams.

## Achievements

- 1st Position in Coding Cauldron Online VERSION 23', organized by NIT-Trichy.
- 1st Position in QFiesta IGNOSI 22', organized by NIT-Warangal.
- 1289th Position(Top 5%) at Google Kick-start Round E '22.
- 3rd Position in INFOTREK '22 LOGIC HEAD, organized by NIT-Trichy.
- 3rd Position in Event MOTHRA - VERSION '21, organized by NIT-Trichy.

[Certificate](#)

[Certificate](#)

## Coding Platform Profiles

**LeetCode(Sagargupta1610)** : Over 1000+ DSA problems solved, 80+ contests participated, 1950+ rating.

**GFG(sagargupta10)** : Over 350+ DSA problems solved.

**HackerRank(Sagargupta1610)** : Achieved 6 Star (Problem-Solving) , 5 Star (C++).

**CodeChef(sagargupta\_16)** : Achieved 3 Star Rating and Participated 20+ Rated Contests.