Sagar Gupta
Dynamic Developer with Strong Problem-Solving Skills.
Roll No.: 21MCF1R47
Master of Computer Application (MCA)
National Institute Of Technology, Warangal

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EDUCATION

- **National Institute of Technology, Warangal** — *Aug 2021 - Jun 2024*
  Master of Computer Application (MCA) — CGPA: 8.43
- **Sanskar College Of Professional Studies (DAVV University), Indore** — *Jun 2018 - Jun 2021*
  Bachelor of Computer Applications (BCA) — CGPA: 7.34

EXPERIENCE

- **Ikarus-3D** — *May - July 2023*
  Software Developer Associate Intern — Mohali, India
  ◇ Automated CI/CD workflow using GitHub Actions to handle web app linting, testing, building, and deployment.
  ◇ 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 unit testing with Pytest (Python) and Jest (JavaScript).
  ◇ Deployed SonarQube on AWS EC2 from Amazon Marketplace, seamlessly integrated it into GitHub workflows and utilized it for code analysis.
  ◇ Integrated SonarQube with Amazon RDS for seamless data storage and retrieval.
  ◇ Provisioned Forem, employing Ansible for infrastructure automation and deployment.
  ◇ Analyzed all features and explored the full potential of the Forem platform, gaining a deep understanding of its capabilities and functionalities.

PERSONAL PROJECTS

- **Contact Manager** — *Jun - July 2022*
  An application designed to help users manage their contacts effectively. — *GitHub Repo*
  - **Tools & technologies used:** React, React Router, Redux, Node.js, Express.js, MongoDB.
    ◇ Developed a full-stack MERN web application for managing contacts.
    ◇ Implemented CRUD operations such as adding, editing, searching, and deleting contacts.
    ◇ Implemented a routing system with zero refresh rate for seamless page navigation.
    ◇ Included dark and light mode switching features with local preference storage.
    ◇ Implemented a search feature that filters contacts based on user input.
    ◇ Utilized MongoDB as a NoSQL database with the help of Mongoose, a MongoDB ODM.
- **Personal Portfolio Website** — *May - Jun 2022*
  A website showcasing my skills, projects, and achievements in an interactive and user-friendly manner. — *GitHub Repo*
  - **Tools & technologies used:** HTML, CSS, JavaScript.
    ◇ Implemented the site structure, including the navigation bar and section body, 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, Time Management.
Coursework: Cloud Computing, DSA, DBMS, 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 organized by NIT-Trichy).
- 1st position at QFiesta IGNOSI 22' (a tech quiz organized by NIT-Warangal).
- Ranked 1289th (top 5%) at Google Kick-start Round E '22. — *Certificate*
- 3rd position at INFOTREK '22 LOGIC HEAD (a coding contest organized by NIT-Trichy).
- 3rd position at Event MOTHRA - VERSION '21 (a coding contest organized by NIT-Trichy). — *Certificate*

CODING PLATFORM PROFILES

LeetCode(Sagargupta1610): Solved 900+ Questions, Participated 60+ Contests and Achieved 1900+ Rating.
GFG(sagargupta10): Solved 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.