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

• **Personal Portfolio** — *July - August 2023*
A website showcasing my skills, projects, and achievements in an interactive and user-friendly manner. — *GitHub Repo*
– **Tools & technologies used:** React, React router, HTML, CSS, JavaScript, GitHub.
   ◇ Implemented SPA design with smooth scrolling for optimal mobile viewing.
   ◇ Achieved seamless transition to Multi-Page Application for desktop and tablet views.
   ◇ Incorporated eye-catching hover effects, shadowing, and a well-defined structure.
   ◇ Enabled smooth navigation with 0 refresh rate for uninterrupted exploration.
   ◇ Integrated Email JS for convenient and secure messaging in the Contact section.

• **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 app for contact management.
   ◇ Implemented CRUD operations for 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 for contact filtering.

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 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.