

Sagar Gupta

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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

8.59 CGPA

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

Leetcode Rating Predictor

Nov - Dec 2023

Developed LeetCode Rating Predictor using LSTM for accurate contest performance forecasts.

[GitHub Repo](#)

- **Tools & technologies used:** React, FastAPI, Numpy, Pandas, Tensorflow, GraphQL.
 - ◇ Implemented LSTM model for precise LeetCode rating predictions through deep learning.
 - ◇ Developed a user-friendly React front-end for seamless data input and a FastAPI backend for efficient data handling.
 - ◇ Utilizes GraphQL, MinMaxScaler for efficient data fetching and normalization.

Personal Portfolio

July - August 2023

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

[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

Jun - July 2022

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

[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.