

Sagar Sharma

Full Stack Developer | +91-9871051902 | sagarsharma.ss329.ss46@gmail.com | New Delhi, Delhi

EDUCATION

Bhagwan Parshuram Institute of Technology

Bachelor of Technology in Computer Science, Aug 2024

CGPA: 8.8

PROJECTS

SATVIK SEWA | *React.js Node.js Express.js*

[Link](#)

- Led a Mental Health Assessment Web Application, which accurately suggest potential mental health conditions based on user input.
- Involved in design, development, and implementation of the application, and the impact was a 77.5% accuracy in assessing mental health conditions

METROUTE | *RestAPI, NodeJS, Javascript, ReactJS*

[Link](#)

- Implemented Dijkstra's Algorithm to enhance the usability of the transit system by providing users with a highly reliable solution for finding the shortest distance between metro stations among 250+ stations.
- Created an intuitive and visually appealing user-friendly front-end interface using ReactJS, enabling efficient navigation of the metro network with 100% accuracy.

ALGORITHM VISUALISER | *Algorithms, Graphs, D3JS*

[Link](#)

- Programmed an Algorithm Visualizer website, simplifying complex algorithm concepts. Utilized ReactJS and D3JS for interactive visuals, enhancing user comprehension.

EXPERIENCE

Stoild Private Limited — Web Development Intern

Aug - Sep 2023

- Implemented a database for saving recipes and the feature to allow registered users to save their favorite recipes to a personal collection for easy access and future reference, resulting in a 60% increase in user retention.
- Employed backend technologies such as Node.js and various APIs to develop robust and efficient server-side components, enabling seamless data management and interactions for the recipe website.
- Collaborate within a scrum team throughout the software development lifecycle.
- Collaborated with engineering teams to deliver functional components as per product management requirements.

The Sparks Foundation — Web Development Intern

Feb - March 2023

- Developed a feature-rich online banking system using a technology stack that included HTML, CSS and JavaScript, ensuring a user-friendly and responsive web interface.
- Leveraged React.js to enhance the interactivity and dynamic functionality of the online banking platform, enabling users to initiate various transactions, view balances, and manage their accounts seamlessly. This involved building the 100% app from scratch.
- Wrote unit and integration test cases to ensure code quality.

Tribeni Institute of Technology | C++ DSA Tutor

July - Oct 2023

- Taught batch of 30 students C++ and DSA

ACHIEVEMENTS

- Secured 1k rank in CodeKaze 2023 having 100k+ participants
- Solved 1000+ DSA problems across various platforms
- Solved 300+ problems in Leetcode

PUBLICATIONS

DEMYSTIFYING DYNAMIC PROGRAMMING

[Link](#)

A beginner friendly guide to master Dynamic Programming

COURSES AND CERTIFICATIONS

- **UnderGraduate** - DataBase Management System, Operating Systems, Software Development Life Cycle (SDLC), Relational Database Management Systems (RDBMS), Advanced SQL, *Data Structure and Algorithms (Teaching Asst)*, Object Oriented Programming.
- **Bootcamps** - [CS50 by Harvard](#) | [DSA by pepcoding](#) | [Web Development Bootcamp by Udemy](#) | [SQL Training by IITB](#) | [React.js course by Udemy](#)

SKILLS, TOOLS AND LANGUAGES

- C/C++, SQL, HTML, CSS, Javascript, Python Java (familiar)
- Git, AWS, REST APIs, Design,Frontend, Astro, Next.js, React.js, SSR full-stack development, VS Code
- Mongo (No SQL), NodeJS, Express, web development, software, Backend System Architecture
- Object-Oriented Design, Computer Networks, DBMS, OS, Agile, Problem Solving,Continuous Integration/Continuous Delivery (CI/CD), Security Mindset
- Ability to focus on Code Readability, Testability, Observability

Soft Skills

- Excited about building applications and ensuring smooth scalability.
- Collaborative team player comfortable with distributed teams.
- Excited to work on products in the Digital Solutions domain, Committed to learning and improving your skills.
- Strong technical and soft skills, including programming, SDLC, RDBMS and data structures and algorithms.

Summary / Objectives

Detail-oriented Full Stack Developer with a track record of understanding project requirements, designing, coding, and maintaining systems, and resolving production issues efficiently. Proficient in SQL, Python, and C++. Excellent communication skills, both written and oral, with fluency in English. Dedicated to delivering valuable working software to the business and constantly improving technical processes

Profiles

[LinkedIn](#) [Leetcode](#) [Github](#)