

Sameer Tripathi

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EDUCATION

Indian Institute of Information Technology, Kurnool

Bachelor of Technology in Computer Science and Engineering

December 2020 – May 2024

GPA: 8.17

INTERNSHIP

Recruit CRM | *Software Engineer Intern*

October 2023 – Present

- Developed and maintained Single Page Applications (SPAs) using PHP, Laravel, HTML, CSS, JavaScript and Vue.js, ensuring robust and responsive user interfaces.
- Utilized REST APIs for seamless communication between frontend and backend systems, ensuring efficient data exchange and application functionality.
- Applied Test-Driven Development (TDD) principles to ensure the reliability and functionality of codebase components.

Samsung | *Prism Research Intern*

January 2023 – March 2023

- Contributed to the design and enhancement of an IoT service designed to periodically scan for the optimal access point in the background, seamlessly connecting to the most reliable option within the network.
- Utilized QoS parameters to achieve latency of less than **300** millisecond, resulting in an improved experience.

SKILLS

Languages: C/C++, Java, Go, PHP, SQL

Web Development: HTML, CSS, JavaScript, TypeScript, Tailwind CSS, Vue.js, Laravel, PHPUnit

Database: MySQL, Redis, MongoDB

Courses: Data Structures, Algorithms, Object Oriented Programming, OS, DBMS, Networking, Distributed System

Developer Tools: Git, GitHub, Postman, VS Code

Familiar With: React.js, Python, Spring Boot, Docker, Linux

PROJECTS

Job Board | *PHP, Laravel, Tailwind CSS, MySQL, Alpine.js*

[GitHub](#)

- A web app that lets user to search and apply to job openings based on their experience, location and salary.
- Implemented job search functionality, allowing users to filter job listings based on skills, salary, experience, location, and title, enhancing the user experience and helping them find relevant opportunities
- Developed a user-centric platform where job seekers can create accounts, sign in, and apply for jobs using their resumes
- Developed a dedicated Applied Jobs section for users to track and manage their applications with the added functionality to withdraw applications.

URL Shortener | *Go(Golang), Redis, Fiber*

[GitHub](#)

- An application that allows users to convert a long URL to a short URLs.
- Utilized Redis to store and manage mappings between URLs, ensuring fast and a scalable solution.
- Engineered URL validation during shortening process; Integrated Rate limiting to prevent abuse by malicious users

ACHIEVEMENTS

Meta Hacker Cup: Achieved global rank 5577 and 3532 in Hacker Cup 2023 Round 1 and 2. [Link](#)

Google Kick Start: Achieved global rank 4614 out of 10K+ participants in round F. [Link](#)

LeetCode: Secured global rank 3019 in LeetCode Weekly Contest 319

EXTRACURRICULAR

Outscal | *Intern - C++/DS (Teaching Asst.)*

August 2023 – Present

- Reviewed C++, Data Structures, Object-Oriented Programming (OOPS) assignments within 24-hour periods, addressing queries promptly and ensuring the satisfaction of over 20 students.
- Conducted daily code reviews of 3 or more submissions, offering actionable feedback that accelerated student progress by an average of 20% within 2 months.

DoSelect by Naukri.com | *Problem Setter*

January 2024 – Present

- Collaborated with 12 other team members to create coding problems and multiple-choice questions (MCQs), with a focus on Data Structures and Algorithms, for utilization in hiring assessments and online tests
- Enhanced problem-solving experience by improving clarity of existing problem statements, introducing thorough test cases covering edge cases, addressing problem constraints, adding code stubs, and writing editorials for problems.