

# Sameer Tripathi

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## EDUCATION

**Indian Institute of Information Technology (IIIT Kurnool)** *B. Tech in Computer Science* Dec 2020 - May 2024  
– Courses: Data Structures, Algorithms, Object Oriented Programming, DBMS, Operating Systems, Distributed System

## EXPERIENCE

**Recruit CRM** *Software Engineer Intern* Oct 2023 - Present  
– Revamped the candidates module, migrating the tech stack from PHP to Java, Spring Boot, Microservices and SOA, yielding a performance boost of 29.73%.  
– Conducted POCs for 14 different existing endpoints, contributed to high-level and low-level design, developed new endpoints, and meticulously documented the entire process.  
– Wrote unit tests for the new endpoints using JUnit and Mockito, ensuring 100% code coverage.  
– Exposure: Java, Spring Boot, MySQL, AWS(EC2, S3), JUnit, Mockito, JIRA, Confluence, CI/CD, Sonar, Agile, Scrum

**Samsung R&D** *Prism Research Intern* Jan 2023 - Mar 2023  
– Designed an IoT service that connects to the best available access point for optimal speed and throughput.  
– Leveraged QoS parameters to achieve sub-300 millisecond latency, enhancing overall user experience.

## SKILLS

Languages	C, C++, Java, Golang, SQL
Web Development	HTML, CSS, JavaScript, Vue.js, Tailwind CSS
Frameworks	Laravel, Spring Boot, Spring Data JPA, Hibernate
Database	MySQL, MongoDB, Redis, CI/CD, JUnit, Mockito, Maven, SonarQube
Familiar With	AWS (S3, EC2, Aurora), Kafka, Jenkins, Docker
Developer Tools	Git, JIRA, Confluence, Postman, VS Code, IntelliJ IDEA

## PROJECTS

**Task Scheduler** *PHP, Laravel, Vue.js, MySQL, Tailwind CSS* [GitHub](#)  
A task scheduler application for managers to create, organize, and monitor tasks. Implemented email verification and notifications for timely updates.

**Distributed Cache** *Golang*  
Implemented a distributed cache system for efficient data storage and retrieval across network nodes.

**File Hider** *Java, JDBC, SMTP*  
An application that allows users to hide and unhide their files in a secure wallet. Added 2 factor authentication using OTP on their registered mail.

**URL Shortener** *Golang, Redis, Fiber* [GitHub](#)  
A high performant URL shortener that converts long URLs to a short URL. Utilized Redis for URL mapping. Simplified URL validation and integrated rate limiting to prevent abuse by malicious users.

## ACHIEVEMENTS

- Ranked 5577 and 3532 globally in Meta Hacker Cup 2023 Rounds 1 and 2. [Certificate](#)
- Secured a global rank of 4614 out of 10K+ participants in Google Kick Start 2022 Round F. [Certificate](#)
- Achieved global rank 4011 out of 28991 participants in Scalar CodeX 2.0 coding contest. [Certificate](#)
- Secured global rank 3109 out of 20K+ participants in LeetCode Weekly Contest 320. [Profile](#)

## FREELANCING

**DoSelect - (Naukri.com)** *Problem Setter* Jan 2024 - Present  
– Collaborated with 7 other team members to create coding problems for hiring assessments and online tests.  
– Improved problem clarity for 20+ problems, added test cases and code stubs for new problems, wrote editorials for problems and their solutions for thorough explanation.

**Outscal** *Intern - C++* Aug 2023 - Present  
– Reviewed C++, Data Structures, Object-Oriented Programming (OOPS) assignments within 24-hour, addressing queries promptly and ensuring the satisfaction of over 20+ students.  
– Conducted code reviews, provided actionable feedback that accelerated student's progress by 10% within 2 months.