Saikiran Renikunta

DOB - 25 Nov 2000

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EDUCATION

SREENIDHI INSTITUTE OF SCIENCE AND TECHNLOGY
Btech in Computer Science
CGPA: 8.5 / 10.0
Sep 25 2023 | Hyderabad

SRI CHAITANYA JUNIOR COLLEGE
Intermediate MPC
Total Marks : 974/1000
May 2019| Hyderabad

TELANGANA STATE MODEL SCHOOL
SSC
CGPA : 9.3/10.0
MARCH 2017| ELAGANDAL

LINKS

Github:// **saikiran-renikunta**
LinkedIn:// **saikiran-renikunta**

COURSEWORK

UNDERGRADUATE
Object Oriented Programming
Analysis and Design Of Algorithms
Introduction to Programming
Data Structures
R-DBMS
Operating System
Computer Networks

SKILLS

PROGRAMMING
Languages:
• Advance: C++
• Intermediate: Java , Python
• Novice : Javascript
Tools:
• Git • Redis • docker
FrameWork And Library:
• SpringBoot
Technologies :
• HTML • CSS • JavaScript

OTHERS

• Gymming • Playing chess, Badminton.

EXPERIENCE

MUTHOOT FINCORP ONE | SDE
Feb 6 - Present | Bangalore

TOKEN BLACKLISTING
- Implemented token blacklisting using Redis cache and JSON Web Token Identifier (JTI) of OAuth tokens.
- Utilized Redis cache to efficiently store and manage blacklisted tokens, ensuring quick lookup and effective invalidation.
- Implemented a comprehensive token management system, leveraging Redis cache and JTI, to bolster authentication and authorization mechanisms.

RATE LIMITING

- Implemented rate limiting for each API using the token bucket algorithm, enhancing system stability and reliability.
- Designed and integrated a robust mechanism to control request flow, ensuring optimal performance under varying loads.
- Effectively managed API traffic, preventing overload and ensuring equitable resource allocation

WEB SECURITY | JAVA

- Worked on MultiFactor Authentication.
- Provided security to the muthoot app by enabling authentication and authorization to the user.

SMART INTERVIEWS | Student mentor
Nov 2023 – March 2023 | Hyderabad

- helped 200+ students in problem solving and dsa.

ACHIEVEMENTS

- Solved 500+ Leetcode Problems
- Scored 100% in Internshala's C++ test
- Winner of college hackathon for creating a project using OpenCV to track missing children. Led a team to develop a system that analyzes image feeds to identify and locate missing children. Implemented advanced face detection algorithms for real-time tracking, aiding law enforcement in child safety efforts.

PROJECTS

ECOMMERCE

Our Spring-based eCommerce project offers a smooth shopping journey. Built for simplicity and reliability, users can explore products, add them to their cart, and securely checkout. With features like user authentication and order tracking, shopping has never been easier.

OAUTH PASSWORD GRANT TOKEN GENERATOR

Our project simplifies authentication by generating OAuth tokens. Even when the authorization and resource servers run on different ports, our system ensures secure and seamless token generation.