Saransh Kumar

lunaticdevs1337@gmail.com | XXXXXXXXX

EDUCATION

AMITY UNIVERSITY
B. Tech in CSE
2019 - 2023 | Noida, UP
CGPA: 8.41 / 10
Major GPA: 9 / 10

LINKS

Portfolio:// **saransh.pro**
Github:// **CryptoSingh1337**
LinkedIn:// **saransh-kumar-2k19**
Medium:// **@cryptosingh1337**

COURSEWORK

Operating System
Database Management Systems
Computer Network
Advance Java Programming
Analysis & Design of Algorithms
Cyber Security

SKILLS

Java • JavaScript • TypeScript
Over 1000 lines:
C • C++
Tools & Technologies:
Spring • Spring Boot • Hibernate
MySQL • MongoDB • HTML
CSS • Vue.js • Nuxt.js • AWS
Git • GitHub • Docker
Apache Maven
Familiar:
Python • Node.js • Express.js •
Tailwind CSS • Microsoft Azure
Linux • Shell Scripting

ACHIEVEMENTS

- Selected from **15,000+** participants for the **Smart India Hackathon 2022** Grand Finals.
- Authored and published two research papers in IEEE,
 1st, **2nd** Research Paper.

WORK EXPERIENCE

LOADSHARE NETWORKS | Software Engineer
July 2023 - Present | Bangalore, Karnataka
- Working on a financial service which handles riders' earnings and company revenue utilizing **Drools** rule engine.
- Introduced a transaction history feature in rider app to track rider earnings and withdrawals through a ledger system.
- Implemented a configuration-based point system to incentivize riders for order delivery, reducing cost per batch by **10-20%**.
- Designed and implemented a ticket management microservice integrated with the grievance system, significantly enhancing issue resolution speed by **30-40%**.
- Led the Proof of Concept (POC) initiative for a grievance system utilizing state machine architecture and subsequently expanded its capabilities by developing new issue resolution flows.

AMADEUS SOFTWARE LABS | Software Engineer Intern
February 2023 - June 2023 | Bangalore, Karnataka
- Integrated OpenAPI spec into API Extension project for automated code generation, deploying on **Azure Function App** via **GitHub Actions**, **Terraform**, and **Terragrunt**.

LOADSHARE NETWORKS | Software Engineer Intern
June 2022 - September 2022 | Remote
- Developed a COD microservice, boosting orders by **30%**.
- Designed an API for zone configurations, increasing operational efficiency by **10%**.
- Upgraded **Spring Boot** from version 1 to 2, shifting deployment from WAR to JAR.

PROJECTS

AUTOMATED CALLER SYSTEM Freelance
- Built flask application to extract data from third party IVR system, integrated **Twilio** API to make calls and extract data in most optimize and cost effective way.

URLIFIC Live | GitHub
- User-centric URL manager solves changing URL issues. Uses **OAuth 2.0** for authentication, **Tailwind CSS** for design and **Thymeleaf**.
- Backend, powered by **Spring Boot**, provides **in-memory caching** and valuable link click insights.

VIDFLOW | Final year Project GitHub
- A video sharing platform created using **Nuxt 3** and **Spring Boot**, hosted on **AWS**, offers infinite scroll, material design, pagination, **JWT** based authentication, and role-based security for user safety.
- It manages users' watch history, liked videos, subscribed channels, and provides content recommendations with real-time Spam filtering through **AWS Lambda**.

FELLOWSHIP | SIH 2022 Grand Finale Project GitHub
- A scholarship aggregator developed using **Nuxt 2** and **Spring Boot**. It offers personalized scholarship suggestions based on user info. It scraps data from various sources and stores them in **MongoDB**.
- The admin panel streamlines scholarship and user data management, enabling admins to update details and upload scholarships via **JSON** files.