

Saransh Kumar

lunaticdevs1337@gmail.com | XXXXXXXXXX

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++ • Rust

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 and 2nd Research Papers.

- Employee of the month at **LoadShare Networks** for the month of February.

WORK EXPERIENCE

LOADSHARE NETWORKS | SOFTWARE ENGINEER

July 2023 - Present | Bangalore, Karnataka

- Working on a financial service that handles riders' earnings and company revenue utilizing the **Drools** rule engine.
- Introduced a transaction history feature in the Rider app to track rider earnings and withdrawals through a ledger system.
- Implemented a configuration-based point system to incentivize riders to deliver orders, 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 specifications into the API Extension project for automated code generation, deploying on the **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 information. It scrapes 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.