

Saransh Kumar

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EDUCATION

AMITY UNIVERSITY

B. TECH IN CSE

2019 - 2023 | Noida, UP

CGPA: 8.41 / 10

Major GPA: 9 / 10

LINKS

Portfolio:// [saranshkumar.live](#)

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

Linux and Shell Scripting

SKILLS

PROGRAMMING

Over 5000 lines:

Java • JavaScript • TypeScript

Over 1000 lines:

C • C++ • SQL

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 •

TailwindCSS • Microsoft Azure

Linux • Shell Scripting

ACHIEVEMENTS

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

WORK EXPERIENCE

LOADSHARE NETWORKS | SOFTWARE ENGINEER

July 2023 - Present | Bangalore, Karnataka

- Managed and maintained a project focused on riders' earnings and company revenue utilizing **Drool** rule engine.
- Developed a transaction history feature 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%**.
- Spearheaded a POC for a grievance system based on state machine architecture.
- Expanding the grievance system by developing new issue resolution flows.
- Designed and implemented a ticket management microservice integrated with the grievance system, significantly enhancing issue resolution speed by **30-40%**.

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

- Built a COD microservice, boosting orders by **30%**.
- Created an API for zone configurations, increasing operational efficiency by **10%**.
- Reduced Ops team manual work with geo-spatial queries.
- Upgraded **Spring Boot** from version 1 to 2, shifting deployment from WAR to JAR.

PROJECTS

AUTOMATED CALLER SYSTEM

FREELANCE

- Created 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. Integrated with **OAuth 2.0**, designed with **Tailwind CSS** and **Thymeleaf**.
- Backend, powered by **Spring Boot**, provides **in-memory caching** and valuable link click insights. Features in-built URL checker to prevent phishing.

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.