

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

BAL BHAVAN PUBLIC SCHOOL

INTERMEDIATE

2017 - 2019 | Delhi

Percentage: 75.6%

LINKS

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 Research Paper, one in IEEE

and another one is under process.

WORK EXPERIENCE

LOADSHARE NETWORKS | SOFTWARE ENGINEER

July 2023 - Present | Bangalore, Karnataka

- Developing and maintaining a rate rule engine, pivotal for field executive compensation & company revenue optimisation.
- Built a ticket management microservice, enhancing grievance resolution speed.
- Introduced operational workflows for non-hyperlocal field executives.
- Created a transaction history feature for user financial insights, boosting transparency & trust.

AMADEUS SOFTWARE LABS | SOFTWARE ENGINEER INTERN

February 2023 - June 2023 | Bangalore, Karnataka

- Worked on integrating the Open API specification file into the API Extension project to automate the process of API code generation and deploy that on **Azure Function App** using **GitHub Actions**, **terraform** and **terragrunt**.

LOADSHARE NETWORKS | SOFTWARE ENGINEER INTERN

June 2022 - September 2022 | Remote

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

PERSONAL PROJECTS

URLIFIC

GITHUB

URLific, a user-centric URL manager solving the issue of changing URLs, like Instagram handles. It's integrated with **OAuth 2.0** and designed with **Tailwind CSS** and **Thymeleaf**. The backend, powered by **Spring Boot**, offers **in-memory caching** and valuable link click insights. It also includes an in-built URL checker to avoid phishing.

VIDFLOW | FINAL YEAR PROJECT

GITHUB

VidFlow, a video sharing platform built using **Nuxt 3** and **Spring Boot**, hosted on **AWS**. Its feature set includes infinite scroll, material design, pagination, **JWT** authentication and role-based endpoint security for a secure and smooth user experience. The platform also manages users' watch history, liked videos, subscribed channels, and integrates content recommendations and real-time Spam filtering through **AWS Lambda**.

FELLOWSHIP | SIH 2022 GRAND FINALE PROJECT

GITHUB

Fellowship, a scholarship aggregator developed using **Nuxt 2** and **Spring Boot**, hosted on **Heroku**. It provides personalized scholarship recommendations based on user-specific details. It uses web scraping to collect scholarships from various sources and stores them in **MongoDB**. Scheduled **CRON** jobs maintain data accuracy by removing expired scholarships. The admin panel facilitates seamless scholarship and user data management, allowing administrators to update information and upload scholarships using **JSON** files.

CERTIFICATIONS

Spring Framework 5: Beginner to Guru

(Oct 2023)

Java Programming Masterclass

(May 2022)

Linux For Developers

(April 2022)

The Complete 2020 Web Development Bootcamp

(December 2021)

Java Programming: Solving Problems with Software

(May 2020)