

Saransh Kumar

lunaticdevs1337@gmail.com | XXXXXXXXXX

EDUCATION

Amity University, Noida

B.TECH IN CSE

2019 - 2023

CGPA: 8.41, Major GPA: 9

LINKS

Website:// saransh.pro

GitHub:// [CryptoSingh1337](https://github.com/CryptoSingh1337)

Linkedin:// [saransh-kumar-2k19](https://linkedin.com/in/saransh-kumar-2k19)

Medium:// [CryptoSingh1337](https://medium.com/@CryptoSingh1337)

SKILLS

Java • JavaScript • TypeScript
Spring • Spring Boot • Hibernate
Vue.js • Nuxt.js • HTML • CSS
Tailwind CSS • Git • GitHub
Docker • MySQL • MongoDB
AWS • Linux • Shell scripting

COURSEWORK

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

ACHIEVEMENTS

Employee of the month at
LoadShare Networks for the
month of February, 2024.

Selected from **15,000+**
participants for **Smart India
Hackathon 2022** Grand Finals.

Authored and published two
research papers in IEEE, **1st**
and **2nd** Research Papers.

CERTIFICATIONS

Spring Framework 5
Java Programming
Masterclass
Linux For Developers
The Complete 2020 Web
Development Bootcamp
Java Programming: Solving
Problems with Software
(with Honors)

WORK EXPERIENCE

LoadShare Networks | SOFTWARE ENGINEER (BACK-END DEVELOPER)

July 2023 - Present

- Working on a financial microservice that manages financial operations such as earnings calculation, withdrawal, COD deposit, etc. for hyperlocal and non-hyperlocal businesses.
- Introduced a transaction history feature in the Rider app as a ledger system to track rider earnings and withdrawals.
- Created a configuration-based point system to incentivize riders to deliver orders, reducing the cost per batch by **15%**.
- Designed and implemented a ticket management microservice, reducing issue resolution time by **35%**.
- Completed the POC of the grievance system, used state-machine architecture, and created new flows for auto-issue resolution.
- Tech stack - **Java, Spring Boot, Hibernate, MySQL, AWS**

Amadeus | SOFTWARE ENGINEERING INTERN

February 2023 - June 2023

- Integrated **OpenAPI** specification in API code generation flow.
- Written a pipeline to deploy the API on the **Azure Function App** via **GitHub Actions, Terraform, and Terragrunt**.

LoadShare Networks | SOFTWARE ENGINEERING INTERN

June 2022 – September 2022

- Developed COD microservice, increasing orders by **30%**, and developed an API for zone configuration which improved the operational efficiency.
- Resolved dependency conflicts in **POM** file, upgraded to **Spring Boot 2**, and transitioned deployment to JAR.

PROJECTS

Urlific

LIVE | GITHUB

A proxy URL provider

- Provides a proxy URL for frequently changing URLs. User can change destination URL while proxy URL remains unchanged. Uses **OAuth 2.0** for authentication, **Tailwind CSS** for design, **Thymeleaf** as a template engine, and an in-memory **LRU** cache.

Tech stack: Java, Spring Boot, OAuth 2.0, Tailwind CSS, Thymeleaf

VidFlow (Final Year Major Project)

GITHUB

An open source video sharing platform

- Implemented features like infinite scroll, material design, pagination, **JWT** authentication, and role-based endpoint security.
- Manages users' watch history, liked videos, subscribed channels, and provides content recommendations, real-time spam filtering through **AWS Lambda**.

Tech stack: Java, Spring Boot, MongoDB, Azure, AWS, TypeScript, Nuxt.js

Fellowship (SIH 2022 Grand Finale Project)

GITHUB

A scholarship aggregator platform

- Offers scholarship suggestions based on user information, scrapes data from various sources, and stores it in **MongoDB**.
- Allows admins to update details and upload scholarships via **JSON** files through the dashboard.

Tech stack: Java, Spring Boot, JavaScript, Nuxt.js, AWS