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**
Linkedin:// **saransh-kumar-2k19**
Medium:// **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

Advance Java Programming
Analysis & Design of Algorithms
Artificial Intelligence
Computer Network
Cyber Security
Database Management Systems
Machine Learning with Python
Operating System

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, reduced the cost per batch by **15%**.
- Designed and implemented a ticket management microservice, decreased issue resolution time by **35%**.
- Completed the POC of the grievance system, used state-machine architecture, and created new flows for auto-ticket 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.
- Wrote a pipeline to deploy the API on the **Azure Function App** using **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 the **POM** file, upgraded to **Spring Boot 2**, and migrated the deployment from WAR 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 GITHUB
An open source video sharing platform
- Implemented features like infinite scroll, material design, pagination, **JWT** authentcation, 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 using cron job and python scripts, 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