

Saransh Kumar

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EDUCATION

Amity University, Noida

2019 - 2023

Bachelor of Technology in Computer Science and Engineering, CGPA: 8.41/10, Major GPA: 9/10

SKILLS

Programming Languages	Java, JavaScript, TypeScript
Tools and Web Technologies	Spring, Spring Boot, Hibernate, HTML, CSS, Vue.js, Nuxt.js, Git, Apache Maven, Docker, AWS
Database Management System	MySQL, MongoDB
Familiar	C, C++, Rust, Python, Node.js, Express.js, Tailwind CSS, Microsoft Azure, Linux, Shell scripting

WORK EXPERIENCE

LoadShare Networks

July 2023 - Present

Software Engineer (Backend Developer)

Hybrid

- 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 to track rider earnings and withdrawals through a ledger system.
- 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, cutting issue resolution time by 35%.
- Led the POC for the grievance system, utilizing state machine architecture, and developed new issue resolution flows.

Amadeus Software Labs

February 2023 - June 2023

Software Engineering Intern

Bengaluru, Karnataka

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

LoadShare Networks

June 2022 - September 2022

Software Engineering Intern

Remote

- Created 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. 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, Spring MVC, Spring Security, 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 with real-time spam filtering through **AWS Lambda**.

Tech stack: TypeScript, Nuxt 3, Vuetify, Java, Spring Boot, Spring Security, MongoDB, AWS, Microsoft Azure

Fellowship (SIH Grand Finale Project)

GitHub

A Scholarship portal and aggregator

- 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: JavaScript, Nuxt 2, Vuetify, Java, Spring Boot, Spring Security, Spring Scheduler, Java Mail API, MongoDB, AWS SQS

ACHIEVEMENTS

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