

# SARANSH KUMAR

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

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## TECHNICAL SKILLS

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**Programming Languages** Java, JavaScript

**Tools and Technologies** Spring Boot, Hibernate, HTML, CSS, Vue, Git, Apache Maven, Docker

**Familiar with** Python, Typescript, NodeJs, Express.js, AWS, Linux, Shell scripting

## EDUCATION

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### Amity University

Noida, Uttar Pradesh (2019 - 2023)

Bachelor of Technology in Computer Science and Engineering, CGPA: 8.38/10

### Bal Bhavan Public Sr. Sec School

Delhi (2017 - 2019)

Intermediate with Physics, Chemistry, Mathematics and Computer Science, Percentage: 75.6%

## WORK EXPERIENCE

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### Amadeus Software Labs

Backend Developer

Bengaluru, Karnataka (Feb 2023 - June 2023)

- Worked on API Extension project which is used to create resources, generate code according to Open API specification and deploy that on Azure Function App using GitHub Actions.
- Learned about terraform, terragrunt, GitHub Actions, Azure Function Apps, Azure Logic Apps.

### LoadShare Networks

Backend Developer

Remote (June 2022 - September 2022)

- Developed COD microservice which enables the current system to accept COD orders (30% more orders).
- Created API for managing zone configs which increased the system efficiency and no. of orders per day by 10%.
- Reduced the manual effort of Ops team in managing zones with the Geo-Spatial queries.
- Upgraded the Spring boot version from 1 to 2 and moved the WAR based deployment to JAR based deployment.

### Checkstyle

Contributor

Remote (March 2021 - May 2021)

- Updated existing unit tests to use separate input file for each test method, Javadocs and added code examples.
- Learned about CI/CD, Apache Maven, Unit testing and merged over [35+ pull requests](#).

## PERSONAL PROJECTS

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### VidFlow

(October 2021 - May 2023)

- Created the frontend with Nuxt 3, backend with Spring Boot and deploy it on AWS.
- Storage and CDN can be switched between AWS and Azure with a property change.
- Implemented features like infinite scroll, material design, pagination, JWT authentication and role based endpoint security.
- Manages user's watch, like video history and gives notification to the user if subscribed channel uploads a video.
- Integrated content-based recommendation engine and real-time spam filtering engine, deployed on AWS Lambda.

### Fellowship (SIH 2022 Grand Finale Project)

(July 2022 - August 2022)

- Recommend scholarships based on user details (country, degree, field of study, branch, title, family income etc.).
- Scraps scholarships from various sources, stores them in MongoDB and auto remove all the expired scholarships using CRON jobs.
- Admin dashboard - admin can update scholarships, user's data and can add scholarships using the JSON file or using JSON string.

## CERTIFICATIONS

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Java Programming Masterclass

(May 2022)

Linux For Developers

(April 2022)

The Complete 2020 Web Development Bootcamp

(December 2021)

Java Programming: Solving Problems with Software (with Honors)

(May 2020)