# SARANSH KUMAR

### BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

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## TECHNICAL SKILLS

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|---|---|
| **Programming Languages** | Java, JavaScript, TypeScript |
| **Tools and Technologies** | Spring Boot, Hibernate, HTML, CSS, Vue.js, Nuxt.js, AWS, Git, Apache Maven, Docker, SQL, MongoDB |
| **Familier with** | Python, Node.js, Express.js, TailwindCSS, Microsoft Azure, Linux, Shell scripting |

## EDUCATION

**Amity University**　　　　　　　　　　　　　　　　　　Noida, Uttar Pradesh (2019 - 2023)

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

**Bal Bhavan Public Sr. Sec School**　　　　　　　　　　　　　　Delhi (2017 - 2019)

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

## WORK EXPERIENCE

**LoadShare Networks**

Software Engineer　　　　　　　　　　　　　　　　　　Hybrid (July 2023 - Present)

- Working on rate rule engine which handles the earnings, revenue and working on Grievance system.
- Creating Ticket management system for the Grievance system.

**Amadeus Software Labs**

Software Engineer Intern　　　　　　　　　　　　　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**

Software Engineer Intern　　　　　　　　　　　　　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.

## PERSONAL PROJECTS

**VidFlow**　　　　　　　　　　　　　　　　　　(October 2021 - May 2023)

- Created the frontend with Nuxt 3, backend with Spring Boot and deploy it on AWS.
- Implemented features like infinite scroll, material design, pagination, JWT auth. 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.

## ACHIEVEMENTS

- Got selected from 15,000+ participants and participated in the Grand Finals of **Smart India Hackathon 2022**.
- Published two research papers 1st Research Paper, one in IEEE and another one is under process.

## 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) |