

SARANSH KUMAR

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

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TECHNICAL SKILLS

Programming Languages Java, JavaScript

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

Familiar with Python, Typescript, NodeJs, Express.js, AWS, 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)

- Added the functionality to log the login and logout events from the rider app.
- Changed the JWT signing algorithm from HMAC256 to RSA256.
- Working on rate rule engine which is responsible for calculating the earnings and revenue.
- Creating a state machine-driven 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.

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. Merged over [35+ pull requests](#).

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.

CERTIFICATIONS

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)