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
Familier 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

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

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 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)

ACHIEVEMENTS

- Got selected from 15,000+ participants and participated in the Grand Finals of **Smart India Hackathon 2022**.