

SAGAR KUMAR

M.TECH (CSE), IIT GUWAHATI

ksagar438@gmail.com

+91-8603348650

Github [↗](#) LinkedIn [↗](#) LeetCode [↗](#)

PROFESSIONAL EXPERIENCE

• HCL Software

Bengaluru, India

Jul'21 - Present

Senior Software Engineer

Product Description :

- IBM Rational Business Developer is a polyglot application based on Eclipse RCP. The user writes code in a language called EGL and can be generated to target platforms like Java, Javascript, and COBOL. The user can also create SOA like RPC, REST, and SOAP applications with Javascript-based clients and deploy them into any server.

Role and Responsibilities:

- Design, develop and maintain applications using Java and related technologies.
- Migrated the legacy build setup to the new CI-CD pipeline using Jenkins, Maven, and Github.
- Collaborate with cross-functional teams to understand and define requirements.
- Participate in code reviews, testing, and debugging of application features.
- Performed OSS scans, integrated JDK into the product, and supported license building.
- Handled L3 issues and Escalations effectively.
- Developing features that support the generation of code to target platforms in headless mode, allowing code generation without the need for the IDE's user interface.

TECHNICAL SKILLS

• **Languages:** Java, Python, MySQL

Frameworks: Spring, SpringBoot, Hibernate

• **Cloud Technologies:** Docker, Kubernetes, Microservices, AWS

Tools : Maven, Jenkins, Git, Tomcat

• **Operating System:** Linux, Windows

Networking Basics: TCP, UDP, SSL, HTTP

EDUCATION

• Indian Institute of Technology, Guwahati

Jul'19 - Jun'21

Master of Technology in CSE/Data Science; GPA: (8.32/10.0)

• Heritage Institute of Technology, Kolkata

Aug'14 - Jul'18

Bachelor of Technology in Electronics and Communication; GPA: (7.85/10.0)

PROJECTS

• E-Commerce Backend Application from Scratch Using Java and Spring Boot [↗](#)

- Developed several REST APIs for the e-commerce backend project, including APIs for managing orders, products, users, carts, and categories. These APIs were integrated into their respective modules and enabled the smooth functioning of the backend system.
- Implemented JWT authentication, Swagger documentation, and Docker containers for securing, testing, and containerizing the backend system, respectively.
- Set up an effective CI/CD pipeline through Jenkins for deploying the e-commerce backend project on AWS-EC2, ensuring streamlined development and deployment processes.
- Followed the SOLID principle while designing and structuring the code, ensuring code quality and maintainability.
- Technology :** Java, SpringBoot, MySql , Docker, AWS

• Generating scorecard from a commentary of world cup match 2019 [↗](#)

- The course project involves generating a scorecard from text commentary and ensuring that the output scorecard is in the same format as the one provided in the scorecard link
- The generated scorecard is then compared with the published work.
- Technology :** Python

ACHIEVEMENTS AND FELLOWSHIPS

- Scored 98.96 percentile in GATE-19 (ECE) among 104782 candidates, received MHRD fellowship for M.Tech at IIT Guwahati from 2019-2021.