

# Sagor Chakraborty

Sr. Software Developer, Global Logic - Hitachi Group



## Work History

### Senior Software Developer

Global Logic India Noida, Uttar Pradesh

Oct-2023-present

- **Experienced Java Developer (5+ years)** specializing in Core & Advanced Java, Spring Boot, Spring MVC, and Hibernate.
- **Currently working at GlobalLogic** on the T-Mobile IoT project, developing scalable backend solutions using Spring Boot and SQL Server. **Ensures code quality, maintainability, and performance** through code reviews and best practices.
- **Ensuring comprehensive documentation**, including Swagger docs, sequence diagrams, project workflows, and ticket management, to streamline development processes.
- **Collaborating with cross-functional teams** to deliver high-quality software solutions across multiple domains, contributing to all phases of the SDLC, from requirements gathering to deployment.
- **Experienced in Microservices and RESTful frameworks**, with proficiency in CI/CD, Maven, Azure, Git, and Agile methodologies. Strong database knowledge, including Oracle, MySQL, and NoSQL (MongoDB).

#### ➤ Role and responsibilities:

- **T-Mobile's IoT solution for connected cars**, developed in collaboration with Harman CVP, leverages JMS, MQTT, and ActiveMQ for efficient asynchronous communication.
- **Responsible for issue investigation and defect resolution**, identifying root causes, implementing corrective actions, and ensuring smooth functionality.
- **Well-versed in the Software Development Lifecycle (SDLC)** with the ability to adapt to Agile/Scrum processes. Conducting code reviews, ensuring clean, maintainable, and scalable code, and troubleshooting software issues efficiently.
- **Working on an airline portal for clients like United and Delta**, enabling pilot, flight, and airline data analysis with advanced search filters for handling millions of records.
- **Developed an application for UnitedHealth Group**, a leading health insurance company, to automate user data processing and report generation. **Integrated external APIs and SharePoint** using API tokens and encrypted keys for secure data exchange.

#### ➤ Improving performance of existing projects and version upgradation:

- To improve the API response time migrate the existing MySQL database to snowflake database and using a **Redis like database for faster performance**.
- Currently some legacy applications are running on **java 8** working on upgrading to the latest version of java and other dependencies for optimization.
- **GitLab vulnerability issue** identification and resolving to minimize the company cost.



## Contact Detail

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### Website

<https://sagorvns.github.io/cv/>



## Achievements

- Secured 99.15 percentile in CET maharashtra CET entrance 2017
- Secured AIR-26, UPTU MCA
- Secured 1st rank among 30 teams in mini-Tech marathon



## Certification

- Spring & Hibernate-Udemy.com
- Full Stack Web Dev-SCED
- Generative AI/GitHub Copilot



## Education

MCA (JSSATE – Noida 2019)

BCA (SMS – Varanasi 201)

Intermediate(KVS – Varanasi 2013)

## Software Developer

**Jio Platforms Limited** Gurugram, Haryana

Sep-2021-Oct-2023

- Indian telecommunications company, working on **Ericsson tools and Oracle DB** in 4G/5G project, currently focusing on complete creation of offer and plan **Enterprise Product Catalog** (EPC) solution (design and development), where consumer applications consume EPC data.
- Also, side-by-side working on a different **DigitalAPI project**. Lead the backend part of the migration project with the team, designing APIs and existing products for open source.
- **Open source internal microservice project (JCP: Jio Product Catalogue);**
- Spring Boot for Backend Technology is used for creating REST APIs, and hibernate framework uses JPA. Integrate User login facility including LDAP security, and log4J for Event/Messaging logs.
- MongoDB is used for the database** (NoSQL column independence) so that we can achieve zero code change, for data migration apache NiFi is using, rows to data flow in JSON.
- Other than that, worked on Oracle 10G, Azure, Git, **Docker and Kubernetes** for deployment and deployment. Currently follows the agile framework for day-to-day activities.

## Developer Financial Services

**Tata Consultancy Services** Gurugram, Haryana

June-2019-Sep 2021

- TCS is an Indian multinational information technology services and consulting company, **Financial Services domain** provides support to financial banks mainly US and Europe.
- Worked on the product team, **TCS BANCS Application builds JAVA J2EE Struts2** framework for upcoming Features and resolves an existing bug in live features in fixed time intervals.
- Oracle is used for database, and also maintains all the documentation related to Features and Bug using **TCS's in-house product Master Craft**, for CI/CD worked on Jenkins technology.

## Summer Intern

**ACRO EDGE SYSTEM PVT. LTD** Noida, Uttar Pradesh

June-2018-July 2018

- Worked on a live project **care2connect a B2B website**, using Eclipse IDE for code development.
- Used MySQL database, Involved in the tool development for **web crawling** used for fetching data related to the product from the e-commerce site; active project using JSP and Servlet.
- Worked on **SEO/SEM technology** for Google AdSense and Facebook.



## Projects

### JSSATE College Website

During post-graduation time. Worked on the college website to increase ranking and add new features like the JSS Alumni Portal and other enhancements was built in PHP and HTML/CS/JS for the frontend.

### Bhagwanbhajan.Com

Based on PHP/Bootstrap technology. Worked on the basic UI structure of the website. Ranked under 20000 in India. (In 2017). Design a structure for the blog and a form to submit data using the UI.

### Stock Nation

Based on Eclipse and Maven technology. Java web portals on Spring MVC and Hibernate Framework are used for database CRUD. Tomcat server and MySQL db. A site for a daily stock market update.



## Tech & Skills

- Java Technology

- Web Development

- Bootstrap and Front End

- Microservices and REST API's

- Cloud Tech and GIT

- Relational Database

- NOSQL Database

- Agile and SDLC

- Swagger Documentation

- Clean coding, SOLID principal

- SEO and SMO

- Photoshop

- Stock market