# SHARAD ROY CHOUDHURY

## Full Stack Web Developer

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Enthusiastic Developer studying Masters in Advanced Computer Science at the University of Leicester. Looking forward to work on cutting edge technologies as a Software Developer.4 years of experience in the Software industry in different domains/sectors like Logistics, Telecommunication and Energy Services. Diversified exposure in analysis, design, development and implementation of web-based applications. Skilled at developing, optimizing and reworking systems to meet specific customer requirements. Highly proficient in multiple types of programming languages. Strong programmer with 3 years of expertise in Angular, JavaScript ,TypeScript, SQL and 1.5 years of experience as a Java Spring developer. Possess expertise in completing challenging projects with strict schedules. Proficient in supporting project deliverables and maintaining releases. Strong leader in guiding teams and solving complex issues. Steadfast in planning and implementing effective development strategies based on industry best practices.

## Skills

Web technologies:Angular6, AngularJS,HTML5, CSS, Bootstrap, JavaScript, TypeScript

Server Technologies: Java 11, Spring MVC/Spring Boot, Hibernate ORM

Database: Oracle SQL Developer, MySQL, MongoDB

Operating System: Windows, MacOS, Linux

Servers: Apache Tomcat 7, WebLogic 11g

Delivery Models: Agile, Waterfall

Git, JIRA, Jenkins, Confluence, Sonar

## Work History

**Jan 2019 - Jul 2019**    **Senior Software Developer**

Worked for Tata Consultancy Services, Kolkata, India on behalf of Pacific IT Consulting Ltd.
- Designed and developed responsive user interface using Angular 6.
- Implemented password policy to implement stronger user- controlled password and validated the passwords in real-time.
- Involved in various phases of Software Development Life Cycle (SDLC), including requirement gathering, modelling, analysis, prototyping, developing and testing.
- Initialized CI/CD Pipeline in Jenkins, connected it to Git and then used it for running automated test scripts specific to running environment after the build runs.
- Developed sprint business stories provided by the client under Agile methodology.

- Improved the performance of SPA by ensuring that the components are highly modularized and time complexity of sorting algorithms is kept minimal.
- Developed innovative animation/transition of the view components to facilitate seamless user experience.
- Mentored junior developers to improve coding standards.

**Nov 2016 -Nov 2018**

### Senior Systems Engineer
*Infosys Limited, Bhubaneswar, Odisha, India*

- Used AngularJS framework to create and maintain single page application that could bind the data to respective views.
- Used JSON payloads to send required data to server side and mapped/manipulated received JSON data according to the application business logic.
- Implemented lazy loading in AngularJS and improved page loading time in the application by 30 seconds.
- Developing the user interface strategy according to the business requirements. Performing client side validations using JavaScript.
- Leveraged MVC design pattern to organize AngularJS, Custom directives ,factories and views.
- Developed critical components of the application including Spring forms, Spring controllers, JSP views, business logic and data logic components which included Hibernate Entities, Spring-Hibernate DAO and Spring models following MVC architecture.
- Used JPA repository to store and retrieve data.
- Used Rest Controller in Spring framework to create RESTful Web services and JSON objects for communication.
- Written extensive JUnit testing classes for comprehensive coverage of test cases.
- Delivering defects and multiple enhancements under high pressure.
- Dealt with clients directly during production go-live and earned appreciation for quick issue resolving ability.
- Interacted with clients over daily calls and fixed critical application bugs reported by them during UAT and PVT.

**Dec 2015 - Nov 2016**

### Systems Engineer
*Infosys Limited, Trivandrum, Kerala ,India*

- Created different product specific objects.
- Making modifications in the mapping behaviour of the product specific objects according to the requirement provided by the client.
- Debugging the error in the workflow of the application by checking the logs.
- Worked with senior developers to manage large, complex design projects for corporate clients.
- Analysis of the root cause of the issues and making code changes wherever necessary
- Performed unit testing of the same scenarios in the application.

**May2015 - Nov 2015**

### Systems Engineer Trainee
*Infosys Limited, Mysore, Karnataka*

Completed Java training at Infosys, Mysore:-

- Undergone professional training on Core Java, Advanced Java, SQL and PLSQL at Infosys Mysore, India. Learnt JDBC/Prepared Statement and Hibernate ORM/HQL for performing CRUD operations, caching operations to database.
- Developed an application in which any user could login and order his/her product and this order would be saved and could be tracked for each user.

# Education

**Sep 2019 - Dec 2020**   **MSc: Advanced Computer Science**

*University of Leicester*

First Class Honours Modules : Advanced System Design, Distributed Systems and Applications, Advanced Web Technologies, Personal and Group Skills, Generative Development, Agile Cloud Automation, Financial Services Information Systems and Service-Oriented Architectures.

**Jul 2011 - Apr 2015**   **Bachelor of Technology: Electronics and Communication Engineering**

Siksha 'O' Anusandhan University

Achieved First Class Honours Equivalent.

# Accomplishments

- Appreciation award received from Infosys for great performance at work.
- Volunteered in TEENTECH event organized at Leicester, assisted the students in the event tasks and inspired them about STEM careers.
- On track to achieve First Class Honours in my Masters.