

# Soumyabhusan M. Sasmal

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## EDUCATION

**Rochester Institute of Technology, Rochester, United States**

**August 2017 – Present**

Computer Science graduate student.

**K. J. Somaiya College of Engineering, Mumbai, India**

**June 2015**

Secured a Bachelor of Engineering in Computer Engineering.

## SKILLS

**Programming Languages/ Frameworks:** JAVA, C++, Servlets, SQL, Python, JSP, PL/ SQL, Hibernate, Spring MVC.

**Web Technology:** PHP, XML, jQuery, HTML, Bootstrap, JSON, HTML5 , JavaScript, AJAX and CSS3.

**Sterling Commerce:** Sterling OMS and Sterling WMS.

**Testing:** JMeter.

## WORK EXPERIENCE

**Infosys Limited, Pune, India**

**June 2015 – June 2017**

*Systems Engineer*

- Administering the Order Management System for the client using Sterling OMS.
- Developed the complete retrieve order module of the system using PL/SQL, JAVA, SQL and JSP.
- Resolved issues and defects such as late deliveries, non-refunded bills, un-registered orders, dirty nodes etc.
- Performed SQL optimization and enhanced the JAVA code in the pickup store check module.
- Involved in continuous interaction with the client for discussing functional enhancements and business needs.
- Handled exceptions, such as invalid level of service and invalid payment information by correcting and reprocessing the corresponding XML files which occurred during the order creation process.
- Blended new functionalities in preferred store lookup, order fulfillment and order capture modules.
- Enhanced the SQL database to improve the effectiveness of different processes.
- Carried various performance testing like component test, endurance test and breakpoint test using JMeter, PRTG, AppDynamics and NMON Visualizer for inventory reservation, eBay click and collect, order capture, pickup store check and order fulfillment modules.
- Analyzed various parameters of the data generated from the result of performance tests to ensure that the newly deployed functionalities and modules are able to handle the load and designed the reports (Analytics based) to present the outcome to the client.

*Systems Engineer Trainee*

- Learnt JAVA, PL/SQL, XML, SQL, Servlets, Sterling WMS, JSP, Hibernate, Python and Sterling OMS.
- Customized the place order and retrieve customer list modules of an e-shopping application using PL/SQL, JSP, JAVA, SQL and Hibernate framework.
- Build an airline application using PL/SQL, SQL and Python.

## PROJECTS AND PAPERS

**Pollican (Social network for polls and surveys )**

**January 2014 – March 2015**

- Developed a social network for polls and surveys using SOA which provides strong market analysis and feedbacks.
- Implemented the system using JAVA, JSON, Facebook API, HTML5, CSS3, AJAX, JavaScript, jQuery, Spring MVC Framework, SQL, Twitter Bootstrap, PL/SQL and SCRUM methodology.
- Published a technical paper “Social Network Platform for Polls and Surveys Using SOA” in International Journal for Advance Research in Engineering and Technology, Vol 3, Issue III, Mar. 2015, ISSN: 2320-6802.
- Secured the 1<sup>st</sup> prize among 100 groups in a state level competition, Prakalpa'15, held in K.J.Somaiya College of Engineering.

**JEEHUB**

**September 2013 – November 2013**

- Designed an online application which provides appropriate information about application process, deadlines, syllabus and study materials required for the preparation of All India level examinations.

**Tours and Travels**

**January 2013 – March 2013**

- Developed a web application which manages the travel plans of the users and based on their budget, the application provides a suggestion of the best trips.

**Ping-Pong Game**

**October 2012**

- Designed a ping pong game using java.

## EXTRA-CURRICULAR ACTIVITIES

- S.E Head of Infra and Security Council. **August 2011 – June 2012**
- Joint Creative Head of Indian Society for Technical Education Council. **August 2012 – June 2013**
- Organized the cultural festival, ‘Orion’ at Infosys and represented my unit in a marathon run and inter-unit soccer competition held at Infosys. **December 2015 – March 2017**
- Conducted the 20th football tournament on behalf of Bengali association. **August 2016**