

SWATI SONI

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WORK EXPERIENCE

Oath Inc., Boston, MA, USA

May 2017 – September 2017

Software Engineer Intern

- Contributed in development and testing on the Supply Side Platform epics of AOL. in an agile software development environment using Java, Cucumber, Vertica, Spring, Hibernate, REST services and Vagrant.
- Resolved several technical efficiency and defect tickets within assigned time.

AOL Inc., Boston, MA, USA

May 2016 – December 2016

Software Engineer Intern

- Contributed in an open source project 'OpenRTB validator' by designing JSON schema to validate bids.
- Designed and executed Cucumber and JUnit test suite for testing OpenRTB validator.
- Developed front end for OpenRTB validator using Servlets and JSP.
- Implemented several enhancements assigned during sprints using Java, Spring, SQL, Maven, InfoBright.
- Participated in testing using Junit, Cucumber, Functional Tests, and Integration Tests.

Tata Consultancy Services Ltd., Gurgaon, India

October 2012 – November 2013

Assistant Systems Engineer

- Analyzed client requirements and designed SRS documents for various tasks. Developed inbound process using PeopleCode to run Payroll for the existing employees of client.
- Designed various user interfaces for the client portal using PeopleSoft for various projects.

EDUCATION

Northeastern University, Boston, MA

September 2015-present

College of Computer and Information Science

Expected graduation: December 2017

Candidate for a Master of Science in Computer Science, GPA: 3.8/4

Related Courses: Programming Design Paradigm, Fundamentals of Computer Networking, Algorithms, Database Management, Mobile Application Development, Parallel Data Processing in MapReduce, Web Development, Managing Software Development

YMCA University of Science & Technology, Faridabad, India

August 2008-July 2012

Bachelor of Technology in Information Technology, GPA: 8.48/10

Related Courses: Data Structures, Operating System, Database Management, Programming Languages, Computer Networks, Intelligent systems, Microprocessor, Wireless Communication, Computer Graphics, Multimedia

TECHNICAL KNOWLEDGE

Languages: Java, SQL, Racket, Android, JSP, JSON

Frameworks: Hadoop, Spark, Spring, Struts, Cucumber, JDBC, Servlets, Hibernate, Maven, JUnit, J2EE

Tools: Jenkins, GitHub, Bit Bucket, Jira, Confluence, Eclipse, NetBeans, Android Studio, Web Storm

Web Technologies: HTML5, CSS, JavaScript, REST, Bootstrap, Angular JS, JQuery, Heroku, AWS, Firebase

Database: MySQL, Vertica, MongoDB, NoSQL, Oracle SQL, Android SQLite Database

Certifications: ORACLE Certified Professional, Java SE 6 Programmer (Oracle Testing ID: OC1131427)

ACADEMIC PROJECTS

MassivX: MassivX is a web application for cryptocurrency exchange. Currently working on designing and developing this web application using Angular JS, Bootstrap, NodeJS, HTML, CSS, JQuery and Heroku.

Plagiarism Detector: Currently working on this web based system to detect similarities between two Java programs using Java, HTML, CSS, JavaScript, and external libraries for parsing code and building ASTs.

Circles: Developed an Android mobile application using Firebase, Java, Accelerometer and GPS sensors that serves the purpose of life labeling for Data Scientists.

Red-Winged Blackbird Prediction: Planned and developed an approach to predict the presence and absence of the Red-Winged Blackbird as accurately as possible in the given data set using Hadoop, Java, Weka and AWS.

Student Registration System: Designed and developed a system in Java using MVC architecture, Servlets, JDBC and JSP for registration and maintenance of day-to-day roles of students, instructors, dba and advisors.

Vertaler: Developed a desktop based language translator using Java, MySQL, JDBC, Google sound API and Java Swing.