

Lakshmi Prabha Swaminathan

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TECHNICAL SKILLS

Languages: Java, Ruby, R, C/C++

Technologies: HTML5, CSS, JavaScript, JQuery, Bootstrap CSS, Angular JS, AJAX, PHP, Node JS

Frameworks: Spring MVC, Hibernate, Rails

Tools: Netbeans, Eclipse, Team Foundation Server, JIRA, Git, Moqup, Balsamiq, Axure

Databases: Oracle SQL, MySQL, Microsoft SQL Server

Certification: **Oracle Certified Professional, Java SE 6 Programmer (OCJP)**

EDUCATION

Northeastern University, Boston MA

August 2017

Master of Science in Information Systems, GPA: 3.51

Relevant Courses: Database design; Web Development Tools; Web Design; User Experience; Algorithms

Anna University, Chennai India

June 2012

Bachelor of Technology in Information Technology, GPA: 3.5

PROFESSIONAL EXPERIENCE

Clean Harbors, Norwell, MA, USA

July 2016 – December 2016

Web Developer Intern

- Developed fully functional internal corporate Card application from gathering and analysis of business requirements to getting code into production environment using .NET and MySQL
- Tested the company's billing website, which generates \$30,00,000 invoices a year, in multiple browsers to ensure cross-browser compatibility thereby correcting the minor design flaws
- Verified the accuracy of Company's reports by running Queries in Microsoft SQL Server prior to approving for release into production environment thereby reducing the manual effort of verifying data by 50%

Tata Consultancy Services (TCS), Chennai, India

November 2012 – July 2015

Systems Engineer

Global Ecommerce Application – STAPLES.COM:

- Provided production support for Staples.com website and maintained 100% availability of the site by constantly monitoring the site using Omniture, Soasta and Splunk
- Developed Linux scripts for migration of large scale production data to server which lessened the manual intervention of running jobs separately
- Automated migration report generation by querying the database to obtain the data using MySQL, thereby eliminating 20 hours of manual data entry a week for the team

Social Networking Application – TATA INNOVERSE(TI):

- Developed and supported Tata Innoverse(TI) Application, an ideation platform for the TATA group of companies, using Ruby on Rails and PostgreSQL
- Validated the form errors and accuracy of the output data by creating and executing RSpec test cases for the application, thereby reducing the production defects by 30%
- Created and implemented a reporting module using MySQL and BIRT with Eclipse for the TI application which displays the employees' Key Performance Indicators, thereby providing accurate data during audits

ACADEMIC PROJECTS

Indian Student Association Website, Northeastern University

- Redesigned the front end of the Indian Student Association website using HTML, CSS, JQuery and Angular JS
- Enhanced the responsiveness of the website by equipping it to run on tablets, mobile devices using Bootstrap

Online Car Rental Application, Northeastern University

- Designed and developed an application to provide an online platform for reserving/renting a car using Java Spring MVC, Hibernate and SQL
- Implemented authentication and authorization mechanism using Spring Security API

AWARDS AND RECOGNITIONS

- **"Anna University Gold medalist"**, awarded to top 2% of Students for academic excellence
- **"Star performer award"** instituted by **TATA Consultancy Services Ltd.** for outstanding performance in leading a team of 6 in developing an end to end web application using J2EE techniques