Shay Software

ssoftwa@ncsu.edu

101 Avent Ferry Road #205 | Raleigh, North Carolina 27606 | 919-555-5555 | github.com/swengr15

EDUCATION

North Carolina State University, Raleigh, NC
Master of Computer Science, anticipated May 2019   **GPA: 3.79/4.00**
Courses: Software Engineering, Data Structures, DevOps, Database Management Systems, Software Security

Osmania University, Hyderabad, India
Bachelor of Engineering in Information Technology, May 2016

SKILLS

Languages:	Java, Python, Ruby, C, C++, R
Web Technologies:	J2EE, Ruby on Rails, HTML, CSS
Databases:	Oracle, MySQL, PostGres
Frameworks:	Spring, Hibernate, REST, SOAP, Log4j, Logback, Junit
Operating Systems:	Linux, Windows
Tools:	NetBeans, Eclipse, RubyMine, Toad, SQL Developer, Control-M, Tomcat, Heroku, Maven, Ant, GIT, SVN, Perforce, Jenkins, Chef, AWS, GWT

WORK EXPERIENCE

Software Engineer Intern, Informatica Corporation, Redwood City, CA   May 2018 – Aug 2018
- Designed and developed subscription based notification system for targeted build error alerts.
- Developed Jenkins plugin to purge jobs in the build queue.
- Implemented a utility tool to prevent environment related issues in build servers.

Project Engineer, Wipro Technologies, Greater Noida, India   June 2016 – July 2017
- Migrated and rewrote multiple client applications as part of a Cloud Computing project.
- Designed application front end screens using GWT; implemented business logic functionality using Java.
- Performed unit testing automation testing using JUnit and performance testing using JMeter.
- Executed end-to-end deployment of cloud applications on environments - SIT, DIT and UAT.

PROJECTS

Database: Created Oracle database application Library Management System, using Java for GUI. Developed functionalities for searching, checking in and checking out books while ensuring optimal calculations. Designed fine calculation, due date notifications and revoking library privileges.

Data Analysis: Implemented a recommendation system using R that suggests appropriate tags for URLs based on a known set of URLs with user assigned social bookmarking tags.

Web Application: Implemented survey & assignment creation features for the Open Source Project 'Expertiza' using Ruby on Rails.

Continuous Integration Pipeline: Set up a CI pipeline for deploying a Java Maven project using Jenkins to automatically deploy the project on a commit to the Github master branch.

EXTRACURRICULAR

Hackathons- HoyaHacks, Hack Duke and Hack NC
• Created an App version of Harry Potter's marauder's map that included location sharing for friends to stay in touch during outings using Android, Cordova, HTML, CSS, JavaScript, firebase, Google Maps API.
• Developed a HTML5 canvas based game Sheep Intelligence to solve real life problem of traveling sales.

Interests- Swimming (college club team), Taekwondo, guitar, video games.