

SHUBHAM BHAWSINKA

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EDUCATION:

Master of Science (Computer Science)

North Carolina State University, USA

Graduation: May 2016

GPA: 3.67

Bachelor of Engineering (Information Technology)

University of Pune, India

Graduation: May 2012

GPA: 3.84(Distinction)

TECHNICAL SKILLS:

Languages: Java, Python, Go, JavaScript, C++, R, SQL

Databases: PostgreSQL, MySQL, MongoDB, Oracle DB

Tools: Git, Vagrant, Docker, Ansible, PyCharm, LaTeX, Jenkins

Technology: Django, NodeJS, ExpressJS, Storm, Redis, ElasticSearch, Android, Bootstrap

WORK EXPERIENCE:

Redhat Inc., Software Engineering Intern

May 2015 - Present

- Worked as an open source software community member in Satellite team's pulp project.
- Responsible for making a live python project highly available to clients and more reliable.

NCSU Libraries, Student Programmer

Oct 2014 – May 2015

- Worked with IT team to develop an application backend for reviewing media contents in the library.
- Implemented a web module using Django web framework and also worked on user access groups.

Infosys Labs, Systems Engineer

Sep 2012- June 2014

- Worked with the R&D team to identify and conduct technology landscape analysis on various products.
- Applied data mining techniques to find the white spaces in technology and performed trend analysis.

PROJECTS:

High Availability of Celery server in Pulp OSS Project:

- Designed and implemented an algorithm in Python and MongoDB to make Celery server highly available.
- Developed and contributed several new features to the open source community project.
- Worked in an agile team and used test driven development model for all the work.

Predict Click-Through Rates on display ads:

- Implemented and analyzed the probabilistic model for a click by the user in a particular advertisement.
- Performed analysis of processed data using Logistic Regression and Random Forest techniques.

Twitter Sentiment Analysis Using NodeJS:

- Designed and developed a sentiment analyzer for Love and Hate tweets using ntwitter and NodeJS.
- Implemented a web based application using ExpressJS to visualize the stream data and interpret results.

Octorator: Movie Rating Predictor:

- Implemented a prediction tool for movie rating using text analysis of user comments.
- Achieved accuracy of 82% using TFIDF technique on Rotten Tomatoes database using ElasticSearch & Storm.

WolfGrader-Student Grading System:

- Developed a course assessment application backend using Java Servlets and MySQL.
- Collaborated with team to come up with unique questionnaire based forum in the application.

Ashwini- My Health Bits:

- Developed web and mobile application for collecting personal health data.
- Worked with doctors to understand the use case and implemented various analysis tools on the data.

COURSEWORK:

- Design and Analysis of Algorithms, Advanced Algorithms, Automated learning & Data Analysis, Internet Protocol, Software Security, Automated Software Engineering, Databases, Foundations of Data Science