Renuka Joshi

https://www.linkedin.com/in/renukajoshi4   https://github.com/RenukaJ

Contact

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Address

2650 College Place
Fullerton, California 92831
(Open to relocation)

Programming Languages

Java, SQL, JavaScript, HTML, CSS, Groovy, jQuery, C#.

Technologies and Frameworks

Spring MVC, MySQL, Grails, GitHub, Slack, Selenium, JIRA, JUnit, RESTful services, Servlets, SQL Server.

Tools

NetBeans, Eclipse, MS Azure Machine Learning Studio, Power BI, Salesforce, Splunk.

Software Development Methodologies

Agile - Scrum, XP

Website

https://renukaj.github.io/

Education

Masters	**California State University, Fullerton**	Aug 2015-May 2017

Computer Science - GPA: 3.76

Relevant Coursework - Data Structures and Algorithm, Web Back-End Engineering, Advanced Databases, Enterprise Application Development, Software Design and Architecture.

Bachelors	**University of Pune, India**	June 2011-May 2015

Computer Engineering - First class

Relevant Coursework - Operating Systems, Databases, Distributed Systems.

General Secretary - Computer Sci. & Engg. Department 2014

Hackathon - Winner - PICT Impetus, 2015.

Research publications-1. https://goo.gl/HQo3nw 2. https://goo.gl/uA7xVs

Projects

User Behavior Analyzer   [Java 8, REST, MySQL, Groovy Grails, Hibernate, Github]

Developed a MVC grails application to run User Behavior Analytics on Security Events. Developed secure RESTful web services to import data from third-party applications and run security algorithms. Developed front-end and backend features including OAuth, data persistence and batch processing.

URL Shortener   [Java, Servlets, JavaScript, Slack, Spring MVC, Apache Ant, HSQLDB]

Implemented the core encoding algorithm for the URL Shortener platform. Contributed to back-end features to maintain user sessions, login authentication and data persistence. Improved front-end experience with features like copy to clipboard and data visualization.

Personalized Dashboard   [Java, HTML, CSS, JavaScript, Spring MVC, Google API]

Responsible for end-to-end development of this web application. Developed features like personal assistant, web services, APIs to generate custom dashboards, authentication and URL shortening service.

Data Mining on IMDB Dataset   [Java, SQL Server, IMDB dataset, MS Visual Studio]

Implemented supervised data mining algorithm - multiple linear regression to predict the success rate of a movie. Extracted IMDB dataset of 3 million rows, wrote queries and procedures to sample, preprocess, transform and mine the data. Performed statistical analysis, interpreted, summarized and presented results to help improve movie success rate.

Experience

Developer Intern	**Exsilio Solutions**	Jun 2016-Aug 2016

[Churn Rate Prediction] - Developed a machine learning model using two-class boosted decision tree algorithm to predict whether a customer is going to churn or not. Got ~86% accuracy in the results. **[Python, SQL Server, MS Azure]**
[Video Series] - Published on Azure ML https://goo.gl/NJrNDk

Contact

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