Akshaya Subbaraya Bhat

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LinkedIn: linkedin.com/in/bhatakshaya   **GitHub** github.com/Akshayabhat   **AngelList:** angel.co/akshaya-subbaraya-bhat

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TECHNICAL SKILLS

- **Expertise**: Java, Spring, JSP, JSF, Servlets, R, ggplot2, dplyr, knitr, reshape2, SQL, MySQL, Tableau, Git, json-simple, jsoup, apache-commons, Apache Tomcat, VBA
- **Exposure**: Python, Pandas, JavaScript, Hadoop, Hive, SPSS, SAS, C, C++, HTML5, CSS3

EDUCATION

M.S. Management Information Systems, *University of Illinois at Chicago*   2017
- Relevant Coursework: Enterprise Application Development, Systems Analysis and Design, Advanced DBMS

B.S, Computer Science, *Anna University*   2015
- Relevant Coursework: Data Structures, Algorithms Design, OOD, Computer Networks, Artificial Intelligence

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PROFESSIONAL EXPERIENCE

University of Illinois at Chicago | Graduate Assistant - Software Developer | Chicago, IL   2016 - 2017
- Improved efficiency of Event team's workflow process by 30%, translating requirements into use case and activity diagrams, and converting into technical capabilities using MS SharePoint.
- Automated approval processes for Leave Request, New Hire Onboarding and Inventory Management systems by constructing systems on test site and transferring to production, reducing approval times by more than 50%.
- Led team of 4 engineers following agile development methodologies while teaching MS Sharepoint best practices.
- Prioritized and resolved 250+ network and helpdesk issues ranging from server crashes to Active Directory issues, managing process through Request Tracker.

Loyola University Medical Center | Data Analyst Project Intern | Chicago, IL   2016 - 2016
- Analyzed 400,000+ rows of call volume data to determine efficiency of system using Tableau visualizations of average call length, abandoned calls and total answered calls.
- Consolidated and processed 3 years of inbound phone records from LUMC's patient appointment scheduling systems using VBA and Excel Macros.
- Examined revenue and cost data to assess ROI and identify number of required employee hires to reduce abandoned calls to company phone lines by over 50%.

ACADEMIC/PERSONAL PROJECTS

SpotTube | Software Engineer | code   2017
Integration tool for Spotify users to upload playlists to YouTube allowing for enhanced features to video and recommendation systems.
- Integrated OAuth 2.0 into Java and Servlets backend using Spotify and YouTube API to enable 1-click authentication.
- Allowed user to select Spotify playlists, extract tracks, create corresponding playlist in YouTube, search for tracks and upload them onto YouTube utilizing Java and JSP.

Pomodoro Timer | Software Engineer |code   2017
Productivity utility that uses Pomodoro Time Management technique involving 25 minute highly focused sessions followed by 5 minute mental breaks.
- Designed a programmable alarm applet with short (5 minute) and long (30 minute) burst notifications using Java, Swing and multithreading to enable timer to run concurrently.

Customer Response Prediction Model | Data Analyst   2016
Logistic regression model to predict customer response for bank mortgage email marketing campaign.
- Processed 20,000+ data points on target population, performing variable conversions and plotted log odds graph of response variable with independent variables to study relationships using SAS.
- Built stepwise logistic regression model to understand customer response factors plotted to gain chart, concluding that top 25% of prospects captured 52% of total respondents.

Public Sentiment on Socio-Economic Events | Data Scientist   2015
Tool to aid the government and decision makers to understand public opinion on major socio-economic events through analyzing Twitter tweet data.
- Developed Naive Bayesian model using Python and Java to map twitter opinions to five mood states and used model to offer collective summaries of public sentiment on socio-economic events, published in IJAER Vol. 1. No. 34.