**Prashant Reddy**

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**Technical Skills**

* Programming Languages:  **Java, J2EE, Python**.
* Web Technologies: **Spring MVC**, Spring Boot, Hibernate, **HTML**, Angular, JSP, AJAX, jQuery, Maven.
* Database: **MongoDB, MySQL**, Oracle.
* Other technologies: AWS, Hadoop, Kubernetes, MapReduce**,** Linux, Machine Learning, **Tomcat**, Fedora.
* Technical Tools: Git, Eclipse IDE, Anaconda, CPS by SAP, NetBeans, IntelliJ.

**Education**

• **Northeastern University,** Boston, MA Expected May 2019

*Master of Science in Information Systems*

Related courses: Application Engineering Development using Java, Data Structures and Algorithms, Web Development using

Spring and hibernate, Engineering Big Data, Cloud Computing using AWS.

• **Visvesvaraya Technological University,** Belgaum, India  
 *Bachelor of Engineering in Electronics and Communications* Related courses: MATLAB, C++, Microcontroller and Microprocessor programming.

**Professional Experience**

***Senior Software Engineer****,* Infosys Limited, Bangalore, India. Oct 2014 – Jul 2017

• Developed and enhanced the employee leave application dashboard using Java Spring mvc framework.

• Developed an internal poc project as a backend Java developer for generating the reports.

• Wrote SQL scripts to store and maintain the application data.

• Hosted and Troubleshot .NET Applications on IIS (Technical Support).

• Promoted from Software Engineer to Senior Software Engineer (Oct-2016)

**Academic Projects - *Northeastern University, Boston***

**Cloud Computing Using AWS (Spring Boot**, **AWS**, GIT, Travis, Namecheap, CloudFormation scripts, **JMeter**). Fall 2018

• Designed and built fault tolerant web application hosted on cloud computing platform (Amazon Web Services) using IaaS,

PaaS & SaaS services such as EC2, EBS, Route53, SES, ELB, CloudWatch, IAM, RDS, NoSQL (DynamoDB) and S3 object

store, AWS lambda, SNS.

• Wrote a CloudFormation Scripts (JSON) to create an Application stacks (S3 bucket, Ec2) and network stacks (VPC, route

tables) and CI/CD to automate deployment.

• Implemented Continuous Delivery using GitHub, Travis and Amazon Code Deploy.

• Gained understanding of DevOps and Site Reliability Engineering roles.

**University Course Registration Web Application** Spring 2018 (Java Spring MVC, Hibernate, HTML, CSS, AJAX, jQuery, Maven, Tomcat server, MySQL, JUnit)

• Developed a full stack University course registration application using **Java Spring MVC**, **Hibernate framework, Maven.**

• Designed a client side using **JSP and form backing objects**.

• Used **MySQL** database for storing and maintaining the application data.

• Improved user experience design by **HTML, CSS, AJAX, jQuery.**

• Implemented back-end with **annotations, XML based mappings, filters, validators and Security.**

**Centralized Volunteer Management System** (Java, Swing Framework, NetBeans, GitHub, GoogleAPI, smsAPI). Fall 2017

• Designed and developed a **Java Swing application using singleton pattern and ecosystem model,** which intended to help

non-governmental organization to manage resources required to handle different crisis and to organize various events.

• Notifying homeless Shelters and non-profit registered organizations within the radius with real time email using **SMSAPI**,

when a homeless person is tagged using the **GoogleAPI** in the application.

**Personality Based Recommendation System**(**Python**, Data Wrangling & Munging, KNN algorithm, SQL). Fall 2017

• Led a team of three in developing a system which recommends a hotel to user based on their personality using

machine learning techniques.

• Implemented **KNN algorithm** for grouping of similar personalities using **python.**

• Implemented Linear regression and Regularization algorithms to get accuracy using python.