Kiran Prasannadas

813-734-0414| kiranprasannadas@gmail.com | GitHub

SUMMARY

- Software Engineer with 3 years of experience in all phases of software development lifecycle using Java/ J2EE.
- Excellent knowledge in RESTful API, Database design, JavaScript, Object Oriented Design, Data Structures and Problem Solving.
- Very good knowledge in data analytics, big data engineering and machine learning.

EDUCATION

MS in Business Analytics and Information Systems *(GPA: 3.9/4.0)*   Aug 2017 – Dec 2018

University of South Florida | Tampa, FL

BS in Electrical and Electronics Engineering *(GPA: 7.5/10.0)*

University of Kerala | Trivandrum, India   Aug 2009 – May 2013

TECHNICAL SKILLS

- **Languages:**   Java, Python, SQL, PL/SQL, R, SAS, JavaScript, C#
- **Web Technologies**   Spring MVC, J2EE, ASP.NET MVC Core, JavaScript, HTML, CSS, AngularJS, REST API
- **BigData**   Spark, Hadoop Map-Reduce, HDFS, Cassandra, MongoDB, Hive
- **Cloud**   Azure, AWS-S3, EC2

PROFESSIONAL EXPERIENCE

Software Developer   **WellCare-USF**   May 2018 – Aug 2018

Graduate Assistant: Python, SQL, PL/SQL

- Developed an application using Python, SQL and PL/SQL to identify the inpatient claims that are part of single inpatient event.
- Analyzed around 200,000 claims using Python and SQL to create the algorithm for the application.

Java Application Developer   **Tata Consultancy Services**   Feb 2014 – July 2017

Systems Engineer: Java, J2EE, JSP, Spring MVC

- Developed new features for PLM (Product Lifecycle Management) Application using Java, SQL and JSP as per customer requirements and business process guidelines in Agile Scrum based approach.
- Automated data masking of portfolio and asset management applications using Java and PL/SQL application.
- Created modules for web interface using Java Spring MVC for the CRUD operation of personally identifiable information (PII) for data masking.
- Collaborated with architects and cross functional teams for design approvals, concept prototyping, implementation, unit testing and documentation.
- Analyzed root cause of high priority defects in a time and resource constrained environment.
- Created user stories, tasks, attended daily scrum meetings and provided knowledge transfers to new team members.

PROJECTS

BuyIt (BigData ecommerce application) : Developed a scalable ecommerce web application portal BuyIt that sells electronic products
- AngularJS, NodeJS, MongoDB, Redis and Elastic Search   [Nov 2018]

Catering Employees Scheduler: Built a web application to schedule the shifts, leaves, availability of catering employees
- Java Spring MVC, JSP, BootStrap, jQuery, Ajax   [Apr 2018]

Movie Recommendation System: Built a collaborative filtering of user ratings-based movie recommendation system – Spark   [Jan 2019]

Machine to save Life: Built a predictive model to predict the bad outcome that can happen to patients within 12 hours with help of various health parameters – R, randomForest classifier   [Nov 2017]