BHAVANI SANKAR TELAPROLU

shravani@perigoninfotech.com

# SUMMARY

* **6+** years of experience in IT industry, involved in complete SDLC analysis, design, implementation, testing and maintenance of **web applications in Java** technology in windows OS
* Proficient coder in multiple languages and environments including Python, REST API, AWS, C, C++, and SQL
* Well experienced in **Core Java 14** – asynchronous programming, multithreading, collections, and design patterns
* Solid experience in design and development of front end in applications using JSF, JSP, HTML, XHTML, JavaScript, CSS
* Expertise in design and development of various web and enterprise applications using **J2EE** technologies like **Servlets, JSP, JDBC, JNDI, EJB, JMS, XML** and **Web Services**
* Design and build solutions to improve the availability, latency, scalability, and performance of applications.
* Experience of working in Waterfall and Agile methodologies. Collected data from web servers and social media for storing in HDFS
* Created applications and web services for consumption by external clients for enterprise businesses and mobile applications
* Experienced in working with various Python IDE's using PyCharm, PyScripter, Spyder, PyStudio and PyDev
* Good experience of software development in Python and IDEs: pycharm, sublime text, Jupyter Notebook
* Experienced in web applications development using Django/Python using HTML/CSS for server-side rendered
* Excellent bugging, problem solving, optimization and testing skills EXPERIENCE

# Role: Senior Software Engineer - Full stack Developer

**Client: Google May 2019 - Present**

**Description**: Google nest Hub consolidates contact data from multiple sources into a single enriched contact database. Improves contact reachability for digital campaign targeting. Efficiently search and find relevant contacts or make minor modifications to contact data such as updates/replace/add contact or inactivate a contact. Data in the contact hub is consolidated from multiple sources once a day.

* + As a full stack developer responsible for gathering requirements, system analysis, design, development, testing and deployment
  + Converted a monolithic app to microservices architecture using Spring Boot
  + Deployed, Scaled, Configured, wrote manifest file for various Microservices
  + Implemented REST Microservices using spring boot and generated metrics with method level granularity
  + Implemented Zipkins for distributed Micro Service Monitoring
  + Integrated Swagger UI and wrote integration test along with REST document
  + Involved in various phases of Software Development Life Cycle (SDLC) using Agile Methodology
  + Created Spring MVC - rest based JSON services, used rest template for making a call to JAX-RS web services
  + Performance tuning of the application and using Spring batch for the bulk processing of inserts and messages
  + Developed a web-based application with HTML, JSP, Spring MVC and Hibernate frameworks
  + Resolved ongoing problems and accurately documented progress of the complete project

# Role: Software Engineer 2- Full stack Engineer

**Client: U.S. Bank March 2017 – May 2019**

**Description:** Developed the web application cart for Library and integrated web services to access the payment

* Designed and developed a horizontally scalable APIs using Python Flask
* Designed Cassandra schema for the APIs. Environment: Python 2.6/2.7, JavaScript, Django Framework
* Participated in the complete SDLC process and used PHP to develop website functionality
* Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS, and JavaScript
* Developed entire frontend and backend modules using Python on Django Web Framework
* Designed and developed data management system using MySQL
* Built basic ETL that ingested transactional and event data from a web application
* Experience in Design, Development, and implementation of several **J2EEframeworks**
* Involved in developing the user interface screens. UI development using Html5, **JS** and JSON
* Worked as team lead for website add-on service including **HTML5** form validation
* Collected the logs data from the web servers and integrated it to MuleSoft
* Created classes to get connection instances with **Spring JDBC and** Configuring **JDBC** connections
* Built application logic using Python 2.7. Used Django APIs for database access
* Participated in requirement gathering and worked closely with the architect in designing and modeling

# Role: Software Engineer 2

**Client: PegaSystems July 2015 – March 2017**

**Description**: Developed a travel resource with information about the entire region in one, easy-to-use guide. It features hotels, restaurants, entertainment, attractions, wineries, spas, and much more

* Developed a Mobile Application where users can buy/sell their items using Flutter framework
* Implemented Firebase Authentication to allow the user to use different kinds of Authentication and retrieve the images, messages.
* Did full-stack web development using Java Spring MVC framework, JavaScript frontend and relational database.
* Involved in writing REST APIs using Django framework for data exchange and business logic implementation.
* Involvement in using collections in Python for manipulating through different user defined objects
* Used Django configuration to manage URLs and application parameters
* Performing ETL process on HDFS (Hadoop, Spark) and other DB’s
* Created Spark SQL ETL scripts for ad-hoc requests
* Generated Django forms to record data of online users and wrote test cases
* Analyzed the Amazon fine food reviews dataset and classified the reviews using various ML models
* Predicted and classified the reviews are positive, negative, and neutral
* Implemented Bag of Words model for featurization with the accuracy of 95%

EDUCATION

Master of Science: Computer Software Engineering (GPA: 3.9) - Northeastern University - Boston, MA Bachelor of Technology: Computer Science (GPA: 9.3/10) - K L University - India

TECHNICAL SKILLS

**Languages:** Python, Java, C, SQL and Dart

**Technologies/Frameworks:** Django, TensorFlow, Keras, Git, Flutter, Django, PySpark, Pandas, Numpy, matplotlib

**Platforms:** PyCharm, Spyder, Eclipse, Sublime Text, NetBeans

LEADERSHIP AND AWARDS

* + Certified System Architect v 7.2 - Best Performance Award, Pegasystems
  + Microsoft Cloud Skills Champion - Microsoft Student Partner
  + Certified Senior System Architect v 7.4 - Best Performance Award, Pegasystems