Krishna Sai Surya Teja Basetty

in krishnabasetty, ⌨ krishnabasetty

✉ kbasetty@usf.edu
📞 +1-407-693-9673

EDUCATION

University Of South Florida Tampa
Masters in Information Technology; GPA: 4/4 *Jan 2021 – Present*
National Institute Of Technology, Calicut India
Bachelor of Technology in Computer Science and Engineering; GPA: 7/10 *July 2012 – May 2016*

SKILLS

- **Languages/Frameworks** : Java, C++, SQL, Web Programming, PEGA, Angular, Javascript, MongoDB
- **Tools/Technologies** : Toad, Shell, Git, Visual Studio, SQL developer, AWS, Kubernetes, Groovy-Jenkins

EXPERIENCE/PROJECTS

Associate Software Engineer at JP Morgan Chase & Co Hyderabad, India | January 2019 - December 2020
Corporate Technology - Third Party Oversight Applications

- Developed on PEGA 7.1.9 and 7.4. Worked on PRPC User Interface Development, Sections, Harness and Flow Actions. Integrated with external API's. Performed Unit and Integration testing.

- Established code migration pipeline from Dev to upper environments using PEGA utilities, Groovy Jenkins and Shell script. Completely eliminated the weekend operate support necessity for deployments and brought down the deployment effort by over 90%.

- Designed a Web interface using Angular. Used rest service modules to capture and present the retrieved data into dashboards and tree views. Improved the user experience by providing a consolidated view. Worked on Mongo DB.

- Understood and integrated PEGA business extract utilities to capture the daily feed to report analysis teams. Extended PRPC utilities using shell script and groovy to support deployment rollback in case of failures. Integrated automated functional testing and unit testing API's as part of deployment cycle using power shell commands.

- Initiated and Automated the execution of Database scripts by configuring Unix scripts, by using flyway. Extended the same with kerberos authentication, reducing the manual dependency.

- Lead the migration of on premise infrastructure to Kubernetes operated cloud. Setup up clusters, modelled the ideal code distribution based on the data inflow and out flow. Decoupled the infrastructure into different components to efficiently use kubelets based on user and business dependency.

Software Engineer at JP Morgan Chase & Co Hyderabad, India | July 2016 - December 2018
Corporate Technology - Third Party Oversight Applications

- Researched and delivered an analytics project using clustering algorithms, java, kibana and elastic search to examine, prune, predict and visualize data about Bot processing.

- Enhanced the SQL and Unix scripts to model the business data into various reports. Published daily feeds based on Kimball data model.

- Worked on PEGA 7. Experienced with PEGA DCO's. Worked on PEGA declarative rules, data transforms etc.

Summer Intern at JP Morgan Chase & Co Hyderabad, India | May 2015 - July 2015
Consumer Banking - Financial Services Desktop Application

- Built a desktop application using .Net framework. Integrated email modules and data validation modules involving CRUD operations.

ACADEMIC PROJECTS

- Implemented a networking application on peer to peer file sharing application as part of final year project using python socket programming.

- As part of ethical hacking course, exploited buffer overflow and SQL vulnerabilities in a windows machine using metasploit framework and installed backdoor connection. Used JTR utilities to exploit the hashed passwords and control the system remotely.

- Developed and load tested a web application in AWS framework using auto scaling solutions and stress test tool.

- Delivered a minor project in data mining course using datasets of stock price from kaggle using regression algorithms. Implemented processes for data cleaning, staging, training and prediction.