

BHUVANAGIRI L SRIHARSHA KUMAR

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Professional Summary

Innovative Senior Software Engineer offering 6 years of experience. Enthusiastic about developing forward-thinking solutions to tomorrow's productivity problems. Demonstrates hardworking and adaptable approach to challenges with strong analytical and critical thinking skills. Extensive knowledge of Python and SQL.

Experience

SENIOR SOFTWARE ENGINEER, SENIOR SOFTWARE ENGINEER | 10/2020 - Current

Tsecond Inc - Bengaluru, India

- Consulted with stakeholders on project scope to better understand client specifications.
- Designed and developed the interactive CLI for the product using python click module.
- Developed the unit tests for CLI using pyunit.
- Implemented serval APIs for the backend to integrate with CLI using python and flask.
- Developed unit testing of APIs using pytest.
- Design a test plan for the automated functional testing of the product.
- Implemented 50% of test coverage through automation using pytest
- Improved the performance of python code.
- Perform peer to peer code reviews.
- Guided, trained and mentored software development engineers in tasks including debugging processes, penetration tests and company best practices.
- Managed and executed software development projects, independently completing without difficulties or assistance.
- Designed and developed software enhancements based on penetration results and client feedback.
- Provided in-depth product demonstrations to customers on how to use newly installed software.

SOFTWARE DEVELOPER | 05/2015 - 08/2020

Broadcom Inc - Bengaluru, India

- As a full stack web software developer, I worked on an internal company web application which tracks test results of different projects.
- It is an Automated system for test teams who uses to store, view, manipulate large amounts of test data.
- It is being used throughout all Broadcom offices worldwide.it makes life of test engineers easy.
- It uses MVC Framework.
- The application uses PHP, Python, HTML, CSS, Java Script and jQuery My Responsibility:.
- Design and develop the user-friendly UI of application.
- Work in collaboration with colleagues and apply innovative solutions for problems existing in the current system.
- Implement a comprehensive web application that provides a highly interactive front-end that accesses all test data for our WLAN and BT business units.
- Analyze large data sets and build a meaning full representation of the data.
- Designed and implemented different levels of views.
- Designed and developed user-friendly features in a web application.
- Write several jobs that periodically collect data from users.

- Improved the performance of many web pages.
- Worked closely with other team members to identify and remove software bugs and enhance the application features.
- Created number of dashboards in application.
- Involved in algorithm design and database design.
- Created APIs for the application using flask and CodeIgniter.
- Created technical workflows in wiki to promote the education of newly hired employees.
- Worked closely with other team members to identify and remove software bugs.

Core Qualifications

- Backend Languages: Python, PHP, Java, C++ and C.
- Frontend Languages: JavaScript, jQuery, HTML, CSS
- Version Control: SVN, GIT.
- Frameworks: CodeIgniter, Flask.
- Databases: Relational Database - MySQL and MSSQL.
- Non-relational Database - MongoDB.
- Development Methodologies: Object Oriented Programming, Structured Programming.
- Strong understanding of OOPS concepts.
- Thorough understanding of Databases & Data structures
- Software development management
- Penetration testing
- Linux, Mac OS and Windows

Education

KKR & KSR Institute of Technology & Sciences - Bachelor of Technology

Computer Science, 2015

Percentage 65%

Accomplishments

- Qualified for the final of state level WEB-AMANTES 2k14 "C" Programming Contest conducted by Gudlavalluru Engineering College, Gudlavalluru.
- Won first prize in Programming in National level technical symposium KITS Yuva 2k13.
- Won first prize in Programming on the occasion of Engineers' day celebrations in 2k13.
- Won second prize in Debugging on the occasion of Engineers' day celebrations in 2k13.
- Won second prize in Programming on the occasion of Engineers' day celebrations in 2k12.
- Paper presentation in the KONERU LAKSHMAIAH UNIVERSITY on "optical computing".
- Workshops attended:.
- Workshop on 'Life Skills and Leadership' organized by "Lead India National Club".
- Two-day Workshop on "Android" organized by "Swecha".
- Extra circular activities:.
- Campus Coordinator for "National Programming League" conducted by NIT Warangal.
- Helped in the organizing every event in my College.
- Participated in 'Polio Eradication Awareness Rally' conducted by Rotary Club.
- Academic Project: Online examination: Online examination is tool which is used by the Training and Placement cell of our college to test the aptitude and reasoning skills of our college.
- This tool analyses the student's performance in a given test and produces results that give an insight to the student's beneficial qualities.
- The student and teacher can also compare the results in a graph and deduce the areas of weakness and the ways of improvement.

Interests

Reading books, listening music, Cooking, Playing chess and outdoor sports.