

SHRIHARI R MUTALIK

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OBJECTIVE

Seeking opportunity to obtain the role of Software Developer / Data Scientist in a fast paced tech environment to utilize three years of experience and strong knowledge of advanced technologies in designing and integrating software as per the organizational requirements.

AREAS OF EXPERTISE

- Strategic Planning and Execution
- Scrum and Agile Methodologies
- Application Design and Development
- Continuous Process Improvement
- Interpersonal Communication Skills
- Time Management
- Continuous Integration

CORE COMPETENCIES

- Java , Java Servlets and JSP
- Python (Django and Flask)
- JavaScript and Angular
- Spring Framework and Micro-Services using Spring Cloud
- Machine Learning and Deep Learning Frameworks like TensorFlow, Pytorch and Scikit Learn
- Data Analytics

CAREER SUMMARY

- Bachelor of Engineering from KLS Gogte Institute of Technology affiliated with VTU University
- 3 Years of work experience with Tata Consultancy Services Limited.
- Proficient in languages like Java, Python and JavaScript
- Worked on several projects and provided end-to-end solutions to the client
- Good knowledge on complete Agile Methodologies
- Expert on product development with strong project management skills to meet compelling deadlines.
- Hands on Experience on working with various languages along with developing and customizing framework. Quick learner with passion towards new technologies
- Posses effective communication to deal efficiently with others.
- Analytical and creative thinker with an ability to develop effective and efficient solutions for required software

TECHNICAL SKILLS

- **Languages:** Java , Python, JavaScript ,HTML ,CSS ,XML,JSON,C,C++
- **Frameworks:** Spring Boot, Microservices with Spring Cloud ,Django ,Flask
- **API:** Java Servlets ,REST , SOAP ,JSP
- **TOOLS:** Eclipse, Jenkins , Maven , Postman ,Visual Studio, Sublime , Jupiter Notebook
- **Frameworks for ML:** TensorFlow , Keras , Pytorch ,NumPy ,Pandas and Scikit Learn

EXPERIENCE

TATA CONSULTANCY SERVICES

Java Developer (February 2019 – Present):

- Built and supported A2L generator tool and enhanced it according to the requirements given by the customer.
- Built ASTA, a tool which generates A2L files from .c source files and xml configuration inputs (Used Java libraries and Eclipse Foundation's CDT core library to implement the functionalities)
- Implemented new functionalities like Gen5 A2L formats, BigConfig Changes for ASTA tool and provided extended support for the customer
- Developed a new tool RID-DID Comparator which compares the details of the RID files , DID files and the input from ARXML file and generates a comparison file (Excel sheet)
- Resolved the user issues related to the tool, provided extended support for the customer
- Enhanced the tool using Java multithreading concepts and reduced the runtime of the tool
- Documented the details of the tool for both developer usage and for the end user usage
- Wrote test cases to check the conversion from .c files to A2L format (ASAM standard)
- Supported IBM Rational Concert Team in implementing certain enhancement work tickets
- Participated in Agile Scrum Ceremonies

JavaScript Developer (October 2018 – January 2019)

- Worked on the backend of a Thing Worx platform (IOT platform) to maintain the customer resources
- Developed and managed code to write the queries to the Data table
- Enhanced the user experience in the front end by using enhanced mashups of the platform
- Developed Sign-up and Login pages for the system using Thingworx mashups
- Received "Special Initiative" award for delivering the project on time and extending the project duration for TCS for one more year.

EDUCATION:

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| ➤ KLS GOGTE INSTITUTE OF TECHNOLOGY (VTU) | 2014-2018 |
| Bachelor of Engineering (Mechanical Engineering) | 75.12 % |
| ➤ V B DARBAR PU COMPOSITE PU COLLEGE, VIJAYAPUR | 2012-2014 |
| PUC | 90.67 % |
| ➤ ST.JOSEPH'S HIGH SCHOOL , VIJAYAPURA | 2011-2012 |
| 10 TH STANDARD | 86.4 % |

ACHIEVEMENTS & AWARDS:

- Special Initiative Award for successful completion of 1 year with the client (Client: General Motors: Automotive Domain)
- Special award from Tata Consultancy Services for customer extending the duration of the project (Client: Danaher Corporation)
- Awarded from the Business Unit for YoY performance

SIDE PROJECTS:

1. Designed and developed a E-Commerce website using Django framework
2. Designed and developed Blog Website using Flask and developed the same using Django Framework
3. Developed and Designed an Image Captioning Model using CNN and RNN, used VGG Net 16 pre-trained on Image Net dataset. (Transfer Learning Approach)
4. Developed a character level RNN model from scratch.
5. Stock Market Prediction using LSTM networks
6. Prediction on MNIST and Fashion datasets using deep Conv models , used different activation functions (sigmoid,relu,leaky relu ,parameterized relu) to understand the effect of activation functions on the accuracy of the prediction (used deconvolution layers to manipulate the images)
7. Face Detection and Image Segmentation using CV2 api.
8. Applied machine learning models like decision trees, support vector machines, linear and logistic regression to real world problems.
9. Implementation of sequence to sequence models using attention mechanism in keras/numpy.
10. Implementation of CNN models like VGGNet16, ResNet_152 and Google Net from scratch and trained them on Image Net Dataset (1000 classes).
11. Designed and implemented Micro-services with Spring Cloud using in memory H2 database.
12. Hands on experience on Docker containers.