AKHIL P

SOFTWARE ENGINEER- ML

📞 +91 8129490391

✉ akhil.pulimala@gmail.com

📍 Trivandrum

PERSONAL PROFILE

Extremely motivated to constantly develop my skills and grow professionally. I am confident in my ability to come up with interesting ideas for the business development.

TOOLS

- Python
- C#
- C,C++,SQL

- Anaconda, Visual Studio - 2018
- Pycharm, Visual studio code

- ML- Numpy,Pandas, ScikitLearn,pyOD
- seaborn, matplotlib,pyplot, bokeh
- Keras

- Google - colab
- aws-EC2
- Watson- studio

ACTIVITIES & HONORS

- Completed Data Science Certification course by **IBM**
- Won ripple effect awards for developing productivity improvement tool.
- Team lead of productivity improvement activities

EDUCATION

B.Tech in Electrical and Electronics -- 7.7 CGPA

SKILLS

- Excellent communication and networking skills
- Successful working in a team environment, as well as independently
- The ability to work under pressure.
- The ability to follow instructions and deliver quality results

WORK EXPERIENCE

Kimball Electronics., Data Scientist - ML

MARCH 2020 - PRESENT

- Developed various multivariate anomaly detection techniques for real time ICT machine data.
- Developed multivariate anomaly detection for injection molding machine inn order to reduce the short shot issues in the product.
- Developed a multivariate anomaly detection to find the issues of solder paste application of a board in the SMT line.
- Developed a classification model to predict the issues in the solder paste application of the SMT line.
- Developed a ML model which helps to predict the estimation of the Nidec automotive project based on previous data.
- Responsible for daily real time data validation, of deployed models
- Analyzed enormous amount of industrial and automotive data, using python, and SQL.

Kimball Electronics, Software Engineer - C#

JAN 2019- MARCH 2020

- Developed a UTH tool in C# that helps the Nidec -ODC team to automate the unit test design development.
- Developed a tool for calculating the estimation of different unit test projects in minimal time
- Continuous monitoring and update of the UTH tool as per user request. Each update of UTH tool improved the entire productivity of the team Which enhanced faster delivery
- Responsible for designing and developing UI for the software of TriboLab-Bruker
- Responsible for developing universal shortcuts for the application