Eswar Poluri

Assistant Manager
Total Experience: 12+ Years in India, USA, Qatar & Nigeria.

Senior Programming & Automation professional with proven ability in implementing management strategies, Business growth, Service operation, engineering and commissioning across diversified fields at domestic and international levels.

CONTACT

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🏠 Hyderabad, IN

in Eswar Poluri

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SKILLS

- Project Management
- Team Management
- Data Analysis
- Model Building
- Machine Learning
- Deep Learning
- Database Management

PROGRAMING LANGUAGES

Language	Rating
Python	★★★★★
Pandas	★★★★★
Numpy	★★★★☆
SCIKIT Learn	★★★★☆
Keras	★★★☆☆
Tensorflow	★★★☆☆
OpenCV	★★★☆☆
NLP / NLTK	★★★☆☆
SQL	★★★☆☆
Power BI	★★★☆☆

PROFESSIONAL EXPERIENCE

Freelance / Intern, Hyderabad, IN   2019- Till Date
Program and application developer
Responsible for innovative product development, programming, testing and deployment of Data Science projects.

L&T Electrical & Automation, FZE, Qatar   2018-2019
Assistant Manager
Responsible for overall project cycle and program development of Industrial Automation projects.
(Software Design, Engineering, UI development, Programming, Testing and Documentation of Industrial Automation projects)

FLSmidth Pvt. Ltd., Chennai, IN   2007-2018
Assistant Manager
Responsible for overall project cycle of Industrial Automation projects. (Software Design, Fuzzy Systems, Engineering, UI development, Programming, Factory Acceptance Test, Commissioning, Site Acceptance Test for Cement plants & Mineral Handling Systems)

ACADEMIC QUALIFICATION

M.Tech in Computer Science & Engineering 2019-2021
QIS College of Engineering and Technology
(Autonomous - affiliated to the JNTU, Kakinada)

B.E in Electrical & Electronics Engineering   2003-2007
Acharya Nagarjuna University

AWARDS

- Received Appreciation Letter from ALYJS for execution of Qatar underground gold line Metro stations (11 No) with BACS @ L&T.
- Received Appreciation Letter from M/s Buzzi Unicem – Greencastle, USA & M/s Titan America LLC– Pennsuco, USA for Control System Upgradation to ECSv8 & Commissioning of plant without shutdown, within two weeks of time.

Responsibilities

- To understand business use cases and gather complete requirements from client and convert them into a well-articulated problem statement.
- Review the requirements, specifications, business processes and recommendations related to the proposed solution.
- Preparing budget planning, project schedule planning and resource profiling for all the project phases.
- Analysing the requirements and preparing the best suited Data science pipelines encompassing Data standardization, EDA, Feature extraction, model validation and optimization for the project.
- To provide mentorship required for the team member to understand the requirement and allocate the work accordingly.
- To develop algorithms and predictive models to derive analysis and business value from data sets.
- Creating various regression and classification algorithms by using various sklearn libraries such as Linear Regression, Logistic Regression, Random forest, Decision Trees, KNN, SVM, Naïve Baye's,
- Implementing various boosting algorithms like XGBoost, Gradient Boost, Ada Boost, Stacking.
- Developing various unsupervised learning models using K-means, Hierarchical clustering, PCA, Anomaly detection, Apriori, and dbscan.
- Designing the neural networks using Tensorflow, Keras libraries.
- Implementing NLP with text clustering, classification and sentiment analysis using NLTK, Spacy.
- Implementing parameter tuning process for getting optimal model hyper parameters.
- Implementing Ensembling learning methods to build robust models.
- Creating web API's using flask.
- Deploying models to cloud services – AWS, AZURE, GCP and automating the model retraining methods.
- Track different versions of code and collaborate with other developers using Git.
- Conducting competency review of associates and resolved all the technical issues arising during the project execution.
- Performing and monitoring Special Event and KPI's.
- Compliance check with client inputs.
- Directing weekly & daily report creation through in-depth analysis & producing actionable information.
- To partner with other departments to solve problems and identify trends and opportunities.

Projects

Internship Projects:

- Vision based Attendance System   -Ineuron Intelligence Pvt Ltd
- Vision based Operation of Shredder Machine   -Ineuron Intelligence Pvt Ltd
- Chat – Bot for Customer Support   -Ineuron Intelligence Pvt Ltd
- Sales Demand Forecast   - Ineuron Intelligence Pvt Ltd
- Product Backorder Prediction   -Ineuron Intelligence Pvt Ltd
- Insurance Fraud Detection   - Ineuron Intelligence Pvt Ltd
- Air Quality Index Prediction   - Ineuron Intelligence Pvt Ltd
- Wafer Fault Detection using Sensor Data   - Ineuron Intelligence Pvt Ltd

Control System with PLC programming software and ECS SCADA

- Building Automation of M/s Qatar Gold Line Metro   – Doha, Qatar for 11 stations
- Automation of M/s ARGOS CEMENT LLC   – Roberta, USA, 4000 TPD Cement Plant
- Automation of M/s Ash Grove Cement Company   – Chanute, USA, 6000 TPD Cement Plant
- Automation of M/s Titan America LLC   – Pennsuco, USA, 4000 TPD Cement Plant
- Automation of M/s Buzzi Unicem   – Greencastle, USA, 4000 TPD Cement Plant
- Automation of M/s Anglo Platinum   – Mogalakwena, Platinum Plant
- Automation of M/s Vicat Sagar   – Gulbarga, 4000 TPD Cement

Personal Information

Father's name	: Ramalingachari Poluri
Gender	: Male
Languages Known	: English, Telugu, Hindi and Tamil
Passport	: N3044787
Nationality	: Indian
Marital Status	: Married
Permanent Address	: Godavari Homes, Suchitra, Hyderabad - 500055.

Declaration

I hereby declare that all the above information provided by me is correct to the best of my knowledge.

Place: Hyderabad   Eswar Poluri

Date: