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B.E. Electrical and Electronics Engineering

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ADDRESS FOR COMMUNICATION:

4/26 Nattal Garden Second Street,
Perambur,
Chennai,
Pincode-600011

CAREER OBJECTIVE

To work in a firm with a professional work driven environment where I can utilize and apply my knowledge, skills which would enable me as a fresh graduate to grow while fulfilling organizational goals.

ACADEMIC CREDENTIALS

Qualification	NAME OF THE INSTITUTION/UNIVERSITY BOARD	Year	Percentage
B.E(Electrical and Electronics Engineering)	St.Peter's College Of Engineering and Technology/Anna University	2013-2017	Cgpa-6.6/10
HSC	St.Mary's Matriculation Boys Higher Secondary School	2013	84.5%
SSLC	Sree Ayyapa Matriculation Higher Secondary School	2011	87.8%

TECHNICAL SKILLS

- ❖ **Programming Languages** : Python,SQL,C,C++,HTML.
- ❖ **Python Tools** :Pandas,Numpy,Scikit-learn,Matplotlib,Seaborn,Sweetviz,gTTS,
Beautiful Soup For web Scraping.
- ❖ **Software Tools** :Pycharm,Spyder,Visual Studio,code,Jupyter NoteBook.
- ❖ **DataBase Tools** :MySQL,postgresql.
- ❖ **Analytical tools** :MS Excel.
- ❖ **Visualization Tools** :Power BI
- ❖ **Machine Learning** :**Supervised Learning**-Linear Regression,Logistic Regression
K-Nearest Neighbour(KNN),NaiveBayes,
Support Vector Machines(SVM),
Decision Trees,Random Forest,
XgBoost,CatBoost.
:**Unsupervised Learning**-Principal component Analysis(PCA),
K means clustering,Anomaly Detection.
- ❖ **Electrical Tools** :Autocad(2d),E-cad(Electrical-computer Aided Design).

DATA ANALYSIS/MACHINE LEARNING PROJECTS

Bank Loan Predictions: <https://github.com/prajwal-kv/Bin/blob/master/loan%20predictions.ipynb>

- Procured Data From Analytics Vidhya and Python For Data Cleaning ,Data Visualization and performed some Feature Engineering tasks like adding new features from the existing data.

- Implemented Different Algorithms Like logistic Regression, Random Forest. After performing HyperParameter tuning like GridSearch CV for Logistic Regression achieved good Results.

Mini Maching Learning Projects: <https://github.com/prajwal-kv/Bin/blob/master/titanic-All%20-%20Copy.ipynb>

- Gathered Titanic Data Set from Kaggle and used python for EDA(Exploratory Data Analysis). Algorithm like KNN(scaled) achieved a good recall result of 81%.

BASIC NLP(Natural Language Processing)PROJECTS:

<https://github.com/prajwal-kv/Bin/blob/master/Voice%20Recogniser%2BTTranslator.ipynb>

- Voice Translator, Text_to_speech and generated QR codes for Text using Python.

ACADEMIC PROJECT

- ❖ Android Controlled Automatic Railway Level Crossing Gate using IOT(Internet of Things) Gathered Real time Data from Railway level crossing Gates and used infared magnetic Sensors to detect the movement of Train(After receiving the sensor signal at the receiving end placed in Level crossing gate which triggers the Gate to automate) and alerted the station master via Mobile Application.

CERTIFICATIONS

- ❖ Certified in Data Science Maths Skills From Duke University Via Coursera.
- ❖ Certified in Python, ML and Data Science From udemy.
- ❖ Certified in Python programming from NINT.
- ❖ Certified in Machine Learning from TATA STEEL E-learning.
- ❖ Certified in ECAD(Electrical Cad).

INDUSTRIAL VISITS

- ❖ Chennai Metrological Centre
- ❖ Techno Crat Automation

CO-/EXTRA –CURRICULAR ACTIVITIES

- ❖ Participated in Speech competitions and won prizes.
- ❖ Coordinated various events in High School.
- ❖ Member of the youth Red Cross(YRC)organised events in college.

ACHIEVEMENTS

School Topper During SSLC BOARD Examination

INTERPERSONAL SKILL

- ❖ Hard-working
- ❖ Strategic Leadership
- ❖ Confident and Determined
- ❖ Ability to rapidly build relationship and set up trust

DATE:

PLACE: