

Kumar Atma Prakash Achal

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Objective:

To seek the challenging position in software industry that needs innovation, creativity, dedication and enable me to continue to work in a challenging and fast paced environment, leveraging my current knowledge and fostering creativity with many learning opportunities.

Summary:

- Total **3 years** of experience in IT industry using Technology like Python, NLP, Deep Learning, AWS Sagemaker, Machine Learning, Predictive Modelling and other Data analytics and visualization skills.
- Expertise on Python libraries like scikit-learn, SciPy, Keras, TensorFlow, PyTorch, pandas, NumPy.
- Handling and building the complex prediction engines and models.
- Experience of working the complex prediction engines and models.
- Experience of working in the development, architecting and maintaining end to end projects.
- Capable to learn and work on the new leading Technologies.
- Ability to work well in both a team environment and individual environment.

Experience Summary:

Company	From	To	Duration	Position
Mfine	Sep 2019	Till Date	22 Months	Machine Learning Engineer
ClearTax	Aug 2018	Aug 2019	12 Months	Software Engineer

Technical Skills:

Technologies	ML, Predictive Modelling, Python, SQL, NLP, web-scraping, Visualizations.
Languages	Python
Tools	MS Excel, Tableau, TensorFlow, Keras, Machine Learning, NLP, CNN, Neural Networks.
Database	AWS sagemaker, MySQL
Libraries	Keras, Scikit-Learn, Pandas, Seaborn, Hugging Face

Educational Qualification:

- **B.Tech** (Electronics and Communication Engineering) from Cochin University of Science and Technology (CUSAT) in 2017.
- Schooling from **CBSE** with **PCM** from St. Xaviers Public School.

Wafer Sensor Detection	
Technologies	Scikit-Learn, Flask, Data Analysis, Python, ML algorithms (classification)
Database	MySQL
Role	Machine Learning Engineer
Team Size	9
Language	Python
Responsibilities	<ul style="list-style-type: none"> • Developed a high-quality ML Framework that supports all Scikit-learn, classification models and integrated and resolving issues. • With internal application to perform the training and to get the Predictions in AWS. It helps in identifying the Working and Non-Working Sensors. • Performed Exploratory Data Analysis (EDA), Class Imbalance and Dimensionality reduction while developing Machine Learning algorithms. • Performed ML model deployment in AWS.
<p>Description: - Wafer Sensor Detection is a project to build a classification methodology to predict the quality of wafer sensors based on the given training data.</p> <p>It is a major application which helps in detecting and managing the huge number of sensors. Our team has automated Sensor detection through the ML framework.</p>	

Megatron	
Technologies	AWS Sage-maker, Python, NLP
Database	MongoDB
Role	Training the Megatron
Team Size	9
Responsibilities	<ul style="list-style-type: none"> • Making Megatron answer the questions asked on the dashboards. • Co-ordination with users, workflow,integrating individual modules.
<p>Description: - Megatron is a Chat-bot for the dashboards, which enables user to navigate through the page showing different results for the user inputs, also shows the key insights to the user to make effective decision in a faster manner.</p>	

Personal Information:	
Father Name	Mr. Uma Shanker Gupta
Date of Birth	23-jan-1995
Languages Known	English, Hindi
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