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SHILPA ANGADI

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LinkedIn Portfolio

EMPLOYMENT

Senior Data Engineer **Beekin Inc** **Dec 2019- Mar 2022**
Leasemax

- Implemented time series forecasting method using AutoML and predicted surge in the rental properties resulting in lowering average customer wait by 2 weeks
- Designed a model using CNN to extract visual features which improved the monthly retention by 20%.
- Built a recommendation engine that improved the average LOS & resulted in 325k$ incremental revenue.

Data Engineer **Bonfleet Solutions Pvt ltd** **Apr 2019-Dec 2019**
Bon Credit

- Created a highly configurable system for training and backtesting models based on point-in-time financial data(Uber financial Large Data ~ 1 TB)
- Assisted a client(Uber) with MCMC Bayesian parameter estimation using PyMC and ensured rich reporting of the model performance via user-defined metrics and portfolio constituent characteristics.
- Built customer attrition Random forest model that improved monthly retention by 10 basis point.

Python ML Developer **Investment Startup** **Jan 2016–Mar 2019**

- Worked as ML engineer in a Toptal project to create an MVP of a platform for building stock portfolios with continued rebalancing based on live financial data.
- Set up the Google Cloud Platform-based infrastructure, including a Docker-based CI/CD pipeline for both the UI and back-end service, a Kubernetes engine for parallelizing long-running worker processes, worker queues (PubSub), and scheduled tasks
- Researched and produced portfolio-build models, including those using neural network approximation

Assistant System Engineer **Tata Consultancy Services Pvt Ltd** **Sep 2012 - Jun 2013**

Developed code (Python) for intermediate modules, following documentation and development standards to facilitate and Build system to ensure successful end-to-End integration.

PROFESSIONAL SKILLS

- **ML Algo :** GLM , RF , SVM ,LSTM, GBM , NNs , XGBoost,Ensembling , Clustering ,Predictive modelling
- **Python (** NumPy , Pandas , Scikit-learn , PyTorch, TF , Keras) ,**NLP : BERT ,Transformers, XLNet ,GPT2,**
- **Time Series Forecasting , A/B Testing , Statistical Analysis ,Docker , Kuberflow, Airflow**
- **AWS (EMR Glue, Kinesis, Redshift/SpectrumAthena) ,**
- **GCP , Git , SQL , ML System Design , MLOps , LIME and SHAP , SQL, Elastic search**

ADDITIONAL EXPERIENCE AND AWARDS

- **Math Instructor (2016– 2018):** Certified Math Aptitude Trainer(Cuemath , Google Funded Ed-Startup)
- **Top 1% Winner (AmExpert Decipher)**: American Express Women Hackathon
- **Oracle Certified Professional** (Java SE6) **Oracle Certified Associate** (Oracle 10gDataBase Administrator)
- **2020 GitHub Archive Program Open source contributor**

Visvesvaraya Technical University

- B.E. in Computer Science Engineering with Minor in Mathematics, GPA: 8.16
- Graduate Coursework: Operating Systems; Databases; Data Structure ,Algorithms; Programming Languages; Computer Architecture; Engineering Entrepreneurship; Calculus III.

Birla Institute of Technology and Sciences

- M.Tech in Data Science , GPA: 7.38
- Post-Graduate Coursework: Machine Learning ; Artificial Intelligence; Statistical Methods ; Data Mining ; Software systems; Big Data Architecture ;Natural Language Processing ; Stream Processing Analytics .