Pune, India
shilpa.rpns@gmail.com

SHILPA ANGADI

(+91)9481051218
LinkedIn Portfolio

EMPLOYMENT

Senior Data Engineer **Beekin Inc** **Dec 2019- Mar 2022**
Leasemax
- *Designed and developed Data pipelines for Leasemax Case Management System for client support*
- *Developed design architecture for Metadata design and development for self-service tools.*
- *Developed design standards and use cases for Reporting platforms (OBIEE and Quicksight).*
- *Researched new reporting platforms and enabled new tools for advanced Reporting in ES and Kibana.*
- *Engaged in strategy development for enabling and driving usage of new tools in Paragon.*
- *Helped the Seller Support analytics program launch a widely used (over 500 users) dashboard.*
- *Implementing and Managing ETL solutions and automating operational processes.*
- *Hands-on experience with building data pipelines in python/Pyspark/HiveSQL/Presto.*

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 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
- **Python (** NumPy , Pandas , Scikit-learn , PyTorch, TF , Keras) , Java , Scala ,
- **Time Series Forecasting , A/B Testing , Statistical Analysis ,Docker , Kuberflow, Airflow**
- **NLP :** BERT ,Transformers, XLNet ,GPT2, Sentiment Analysis
- **AWS , 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 Programmer)
- **Oracle Certified Associate** (Oracle 10gDataBase Administrator)

EDUCATION

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 (WILP , Pursuing). 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 .