

Monish Kumar M V

CONTACT

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SUMMARY

To obtain Co-op in fast paced and challenging environment with constant problem solving, where my skills as Data Engineer/Scientist should help in cracking the problems. Looking for a great learning curve in tech at scale.

EDUCATION

Bachelor of Engineering, Electrical & Electronics Engineering

August 2015 — April 2019

Vellore Institute of technology, Vellore, India
CGPA: 7.59

Masters of Science, Data Science

August 2022 — Present

Rochester Institute of Technology, Rochester, New York

SKILLS

Technical :

- **Language & Library :** Python, Java, SQL, BigQuery, NoSQL, TypeScript, Pandas, Numpy, Scikit Learn
- **Frameworks & Dev Tools :** PySpark, Flask, Dash, Ionic, Airflow, Kubernetes, Docker, Github, BitBucket
- **Analytics & Business Intelligence Tools :** Retool, Zoho Analytics, Tableau, Redash
- **Product Study Tools :** Mixpanel, Moengage, Apxor

Management :

- Managed analytics engineering team target setting, sprint planning, execution and stake holder management (C-Suite members).
- Mentored Interns & freshers for the data analytics team and incorporated them in work flow.
- Served as vice president at college club with 110 plus members, Organising several large scale events for knowledge development in the field of Electronics.

WORK EXPERIENCE

Loadshare Networks Private Limited

June 2019 — September 2021

SDE 1 (Data)

- Initially role involved in collaboration with Business and Operations team to understand the requirements and create actionable reports. Later carried out the complete data engineering and data analytics effort as a single person for our public B2C App (TransportBook) with 1 Million + users till date by building Dashboard providing end to end analytics of features, user study, usage metric and provide data to study the app.
- Key skills involves in understanding the requirements, data modelling, obtaining data , setup ETL data pipeline and report creation. Used MySQL, Python (Pandas & Numpy), AWS queue service , Zoho analytics and Redash.
- Projects worked involved in Backend Services to develop API's using Flask framework, developed customer support app using Ionic framework, Implemented

classification model (Machine Learning) for identifying fraud users abusing our payment feature and working with growth team to design interactive user journey flow using push notification and In-app nudges.

Spoonshot

October 2021 – July 2022

Data Analyst (Analytics Engineer)

- As a early stage startup the key focus was in setting up core Data analytics Stacks in place and help in forming a solid analytics engineering team.
- Setup the Data Normalisation layer from scratch for our ever evolving data sets using PySpark. Datasets are in 100's of GB's & minimum 200 Million records) and this layer is directly consumed for any analytics and exploration work.
- Developed entire user facing analytics using tools like BigQuery, Redash, Tableau and Custom Airflow jobs with easy user interface using Retool. Multiple tools were utilised for cost effective (Saving \$50,000+ annually) and faster analytics (Reduced TAT by 80%) as the challenge is in crunching the huge dataset into different cuts based on business rules and presenting insights to the team.
- On core analytics, Understood 10+ datasets domains by tying 100's of attributes with business context by talking to internal team & users and gaining industry knowledge. These datasets were the underlying layer to create new and exhaustive base analyses for the teams to use.
- Experimenting on creating internal tool for our own data intelligence platform using Python Dash framework and providing custom dashboards in our product to clients using redash API's.

PROJECTS

Projects : Smart parking system, Live Visualisation ECG Graph, Smart-Home Automation, Bulgar alarm, **Drunk driver alert**, **Bluetooth controlled Car**, Solar tracker & Image classification using Neural network.

Workshops & Competitions : Ethical hacking, IOT, Arduino 101, Web designing, Entrepreneurial Management, Hackathons, Makeathons, Texas Instruments challenge, Facebook Marketing, SEO & Google Ad-sense.