ROHITH KATTA

Data Scientist

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EXPERIENCE

Senior Software AI Engineer, R&D

Gupshup

📅 May 2022 – Ongoing　　📍 Bangalore, India

- Worked with product managers, developers, quality assurance, and customers across different verticals to resolve technical issues related to Chatbots deployed
- Trained and mentored 6 junior developers and engineers, teaching skills in NLP and working to improve overall team performance
- Researched and resolved issues regarding the integrity of data flow into databases which decreased the failed event rate by 25% per quarter
- Research and Development in the field of Chatbots based on requirements of 12 different clients across domains which in turn increased $4M Gross sales
- Worked on Integrating Modules like Customized Small talk, and FAQs to CPG, Retail, Banking, Insurance, and Airlines Clients
- Reporting to Director of AI & Analytics, Curating Success stories, Was Successful in bringing new Airlines Customer to use our products

Data Science Consultant, CPG Client

Fractal Analytics

📅 Nov 2020 – Apr 2022　　📍 Bangalore, India

- Managed a team of 6 to build a Recommendation Engine for one of the leading CPG Companies. Setup pipelines for Data Ontology, a Model building that includes collaborative filtering and ensemble techniques, a dashboard showing the probability of sales and recommendations
- This solution helped the sales representatives to reduce manual ordering the effort by 25% and generated 3% YOY growth
- Set the code quality and review standards across all versions of the solution, and working to repackage the solution/accelerator as a product

Decision Scientist, R&D

Mu Sigma

📅 Dec 2018 – Nov 2020　　📍 Bangalore, India

- Managed team of 4 to solve time series Predictive Maintenance of Turbines for extremely rare events using Classical and Deep Learning approaches for one of the biggest energy-based companies and achieved 78% accuracy
- Designed and developed Human Motion Tracking, Facial Recognition at a Distance using Deep Learning Techniques for one of the biggest airlines company in the United States
- Developed an internal Chatbot using RASA NLU, RASA Core for Intent Entity Extraction with ReactJS front-end
- Built a Natural Language Querying dashboard which uses Python dash for front-end and SQLova, a neural semantic parser for the back-end
- Developed a facial detection - Augmented Reality application on the Microsoft HoloLens
- Worked on building IoT-based prototypes for the lab to showcase Mu Sigma's Analytical muscle and Big data capabilities

SKILLS

Deep Learning　Machine Learning　IoT
R　Python　Computer Vision　NLP

Product Management　Problem Solving
Agile Management

HONORS & AWARDS

⭐ **Star Award, Fractal Analytics**
Appreciation for Code Optimization and Migrating code to latest versions of Python

🏆 **Spot Award, Mu Sigma**
Appreciation for Handling multiple threads simultaneously, showing an extreme level of accountability, and going that extra mile to ensure the smooth functioning of the team

📈 **Spot Award, Mu Sigma**
Appreciation for doing research on answering the questions across verticals and enhancing the answer from the SME and has achieved a milestone of 90% accepted answers during his router stint

🧍 **Impact Award, Mu Sigma**
Appreciation for the never say never attitude and being a consistent contributor on all threads - to be the go-to person on all things critical in Deep Learning

🏆 **Spot Award, Mu Sigma**
Appreciation for being a standout performer in the team and rising to the occasion on multiple instances maintaining the accountability and rigor levels

🏆 **Spot Award, Mu Sigma**
Appreciation for handling multiple threads simultaneously and performing exceedingly well in each of them. Also, for being a vital cog in the ABM thread and going out of the way multiple times to get the job done

🏆 **Spot Award, Mu Sigma**
Appreciation for setting up Asset Readiness Pipeline using Python and BPMN tools, developing Facial Detection App on HoloLens. Also, ramping up quickly on the new technologies and questioning the status quo to arrive at the best solution

Trainee Decision Scientist, Pharmaceutical Client

Mu Sigma

📅 Jun 2017 – Nov 2018   📍 Bangalore, India

- Developed automated KPI trackers, weekly and monthly dashboard-based reporting platforms, performance against Forecast and competitor's drug in the market
- Designing and transitioning 8 monthly and weekly reports from Excel to R which reduce run time from 26 hours to 2 hours
- Provided marketing analysis for recently launched drug and provided weekly and monthly reports and adoption criteria for a market worth $25M
- Evaluated consumption of drugs in the market. Findings from performance-orientated analysis led to the development of strategic post-launch marketing increasing efficiency by 30%
- Created behavioral and attitudinal segments of customers to enable efficient targeting and increase promotional penetration of drugs in a particular segment

Spot Award, Mu Sigma
Work Appreciation award for optimizing 8 regular reports to R Shiny Applications which reduced weekly efforts by 95%. This involved process optimization, change of technology, and reduction in manual interventions

EDUCATION

B.Tech. in Computer Science

SRM University

📅 Jun 2013 – May 2017