

# MEGHANA S

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## PROFESSIONAL SUMMARY

A dedicated Data Scientist, with a proven track record of driving operational excellence coupled with proficient expertise in e-commerce and exceptional social skills.

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## EXPERIENCE

**DATA SCIENTIST**, 06/2021 - Current

**IGP.COM | Interflora | PropShop24 | Masqa** - Remote

- **Personalized Search** with Meta Rank. – InProgress
  - Dynamic ranking of search results
- Responsible for **AI Powered Search and Ranking**
  - **BERT**
  - Real Time **Syntactic and Semantic** analysis of user queries.
  - Adaptive typo tolerance.
  - **Demographic Filtering** including but not limited to Relation, Recipient, Festival, City, Country etc.
  - Intelligent **Learning to Rank** system with **Lambda Mart** to increase precision.
  - Order Analysis for **Customer Segmentation**.
  - Real Time reporting/analysis with **Kibana**.
  - Reduced customer exit by 10%.
  - 0.2% zero-result queries.
  - Increased conversion by 23%.
- **Market Basket Analysis** for Product Addons.
- Conceived and executed the design & development of **Search Facets** and **Search Bar suggestions**, streamlining customer session flow for enhanced user experience and seamless navigation.
- Developed automated training pipelines for various ML models to ensure **CI/CD**.
- Customer Order & Feedback **Message Parsing**.
- Collaborated with marketing & product teams in deciding various business requirements.
- Monitor **AWS CloudWatch** logs to check search response latency and HTTP 5XX occurrences.
- Actively engaged in documentations, KT's, monitor & guide the team members.

### SOFTWARE DEVELOPMENT ANALYST

03/2020 - 02/2021, **NTT DATA** - Bengaluru

- Developing/Modifying programs to support 12-digit invoices.
- Compile, Test & Maintenance.
- Skills: COBOL | Mainframe.

### SOFTWARE DEVELOPMENT SENIOR ASSOCIATE

01/2018 - 03/2020, **NTT DATA** - Bengaluru

- ETL, prepared test environments & performed data refresh.
- Conducted health check & analyzed message regions for failures.



## CONTACT

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**LinkedIn:** [LinkedIn](#)

**Place:** Bengaluru

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## CORE SKILLS

- Python | Cloud Computing
  - Data Analysis | Feature Engineering
  - Statistical Modelling | Predictive Modelling
  - Machine Learning
  - Elastic Search | Kibana | Query DSL
  - Docker
  - CI/CD – GIT | Jenkins
  - Domain Expertise - Ecommerce
  - Collaboration | Mentoring
  - MySQL
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## EDUCATION

### Great Lakes Institute of Management

PGD, Data Science & Engineering,  
2021, Bengaluru

**Grade:** Excel, above 80%

### Jyothy Institute of Technology

BE, Computer Science &  
Engineering  
2017, Bengaluru

**Grade:** 72.06%

### KLE Independent PU college

12<sup>th</sup>, Computer Science,  
2013, Bengaluru

- Aiding in conversions, production issuances etc.
- Skills: DB2 | JCL | Mainframe

**Grade:** 78%

ACCOMPLISHMENTS

- Star performer award while in NTT DATA.
- Best paper award for project SURAKSHA.
- Consolation award for paper presentation at CSI Students Convention.

INTERESTS

- Learning French - Completed A1 & A2 levels at Henry Harvin Education

LANGUAGES

**English:** C2  
Proficient

**Hindi:** C1  
Advanced

**French:** A1  
Beginner