Karthikeyan Narayanan

Technical Manager

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 Chennai , INDIA

 karthin-mtrek

SUMMARY

Technical Manager with 14.5 years of IT experience and an aspiring Data Scientist with expertise in handling complex architectural and scalability issues in diverse industries. Proficient in Machine Learning Algorithms, Data Visualizations, Statistics, Deep learning, Power BI, Object oriented programming, as well as scripting languages including Python and SQL. Capable of creating, developing, testing and deploying highly adaptive services and robust solutions to translate business and functional specifications into substantial deliverables.

EDUCATION

B.E. in Electronics and Communication   Aug '05 - May '09

R.M.K. Engineering college (Affiliated to Anna University)   Kavaraipettai, IN

First-class with an aggregate of 78 %

KEY PROJECTS

- **Project: Walmart Inventory Management| Programming Languages: Python**
  - Performed Statistical analysis , Exploratory Data Analysis, Outlier Analysis and Imputations for Walmart stores Inventory
  - Developed Python script using NumPy and Pandas libraries and plotted Data visualizations to analyze complex datasets
  - Built predictive machine learning models using Time Series to forecast the sales of Walmart stores
- **Project: Customer online purchase patterns| Programming Languages: Python**
  - Analyzed customer purchase patterns on E-commerce
  - Performed Association Rule Mining to understand customer purchasing patterns

WORK EXPERIENCE

Project : SAP IT

Client : SAP

- Created Centralized Communication Services (CCS) which is used for sending order confirmation emails based on online store orders placed by SAP customers
- Developed Python template script Jinja for displaying SAP product data on JSON based User interface using SAP payloads
- As Manager, Created Dashboards for reporting project deliverables of my team and interacted with SAP stakeholders and business users directly in review meetings, PI planning, sprint refinements and retrospectives
- Worked on Agile framework and attended scrum meetings along with Product owners and scrum masters
- Hands-on Experience in Agile tools Jira and Collaboration tool Mural for business planning

Project : B2B - Resell

Client : Apple

- Developed custom classes and reports using OOPs for replicating Apple products from SAP to TREX Engine
- Presented innovation ideas to Apple clients for using business transactions on Apple devices with SAP mobility framework

Project : Revenue Marketing

Client : Agilent

- Worked on SQL queries to fetch SAP data from one order transaction database tables
- Performed integration testing of Open Data gateway services to validate Agilent customer address
- Enhanced SAP customer relationship management Web User Interface to cater business users requirements

Project : Centrica

Client : British Gas

- Worked on Hadoop Hive Queries using Map-Reduce framework to fetch data related to Energy contracts
- Developed reports to fix flue type of hazardous appliances mentioned in the service contracts of British Gas
- Developed OOPs classes using parallel processing technique for creating lunch orders of BG employees based on their availability

Project : Interim and R2

Client : 3M

- Worked on classes based on Polymorphism concept of OOPs to create new customers of 3M
- Developed Constructors , Getter and Setter methods for marketing attributes

Project : US Region Order-to-Cash GS1 Integration
Client : Johnson & Johnson
- Developed User interface application of Johnson & Johnson Customer Interaction Center
- Created new GS1 global standard fields and used SQL queries to fetch Interaction records created on Johnson & Johnson Customer Interaction Center portal based on these fields

Project : SAP Upgrade
Client : Nokia Siemens Networks
- Worked on SAP version upgrade and fixed SAP code inconsistencies due to upgrade
- Fixed bugs in Getter and Setter methods post upgrade

Project : Credit card payment
Client : Pitney Bowes
- Handled middleware interface of data transfer from SAP to non-SAP systems
- Worked on XML script to update customer data of Pitney Bowes in SAP

KEY SKILLS

- Backend Development
- Interface Designing
- Mobile-based Application Development
- Unit Testing
- Software Testing
- Coding & Troubleshooting
- Team Management

TECHNICAL SKILLS

- Machine Learning Algorithms
- Data Visualizations
- Statistics
- Deep Learning
- Power BI
- NumPy
- Pandas
- Programming languages: Python, SQL, ABAP
- Web Technologies: HTML
- Data Modelling: XML
- Data Management: MySQL
- Platforms: Unix, MS Windows98, 2000, XP, Vista, Window7

CERTIFICATIONS

- **Executive Post Graduation in Data Science and AI|** IIT-Roorkee

ADDITIONAL INFORMATION

- **Languages:** English, Tamil
- **Interests:** Reading Data Science articles and Surfing Data Science forums