Parul Saxena

Data Scientist
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PROFESSIONAL SUMMARY

EDUCATION

GNIT- Greater Noida, UP
B.TECH | Electronics and Communication
May 2012

CERTIFICATIONS

- BSC-ISEB: Foundation Certification in Business Analysis
- Accenture Agile Scrum Certified

ACHIEVEMENTS

- Awarded ACE (Accenture Celebrates Excellence) award as a QA Champ.
- Awarded Performer of the Month award twice for contribution in AIPDS.
- Awarded the AIM award as the Technology Champ for FY17 and FY19

Programming Languages

- Python
- C
- R

NLP Stack

- Text Classification
- Named Entity Recognition
- Question Answering
- Summarization
- Huggingface Transformers, SpaCy, Fasttext

Tools

- Jupyter Notebook
- VSCode
- Anaconda
- Pycharm
- Postman
- Doccano

OS

- Linux (Ubuntu, Fedora)
- Windows (7,8,10)

Imagineering Design

ML Consultant | 07/2020 – Present

- Understanding the client requirements, identifying solution that can be addressed via ML/NLP implementations and presenting proposals for viable AI solutions
- **Training data preparation**: Laying out the data labeling guidelines for labelling done by labelling team.
- Curating the **data cleansing** and **preprocessing pipeline**.
- **Model building, training and hyperparameter tuning**.
- **Mentoring ML resources** in the team.
- Worked on **social media text analytics**, creating insightful **dashboard solutions from unstructured text data**.
- Areas worked on: Text Classification, Entity Extraction, Social media analytics, Geo Dashboards

Accenture Advanced Analytics Applications (AAAp)

Data Scientist | 01/2019 – 06/2020

- As part of analytics factory, helped teams across different Accenture verticals to **implement AI solutions.**
- Meeting the stakeholders to understand the scope and feasibility of the project.
- Researching for opportunities within existing product ecosystem for enhancements using ML/DL
- Worked on enhancing discoverability of articles for internal Knowledge-Exchange platform.
- Implemented **QnA** and **summarization features** for the KX-forum.
- Curating and presenting Accenture AI capabilities to leadership.
- Areas worked on: AI based search and discoverability improvements. Question Answering, Summarization

Accenture Interactive Platform Design Studio (AIPDS)

Test and BA Lead | 06/2016 – 12/2018

- Scrum-master, Test and BA lead for IDC overlooking a team of 15 resources.
- Web Application, Stand-alone application
- QA and **retraining of demand forecasting models** implemented within the platform.
- To communicate with all the stake holders and come up with the requirements for implementing new features/enhancements in the product.
- Creating user stories, collaborating with the Italy BAs, conducting user interviews, and collecting product feedback.
- Developed POC for implementing **FCN model for demand forecasting**
- Did a comparative study for benchmarking model performance.

Accenture Performance Optimizer (APO)

Test and Business Analyst | 12/ 2014- 05/2016

- Worked with Platform global Engineering team to perform QA activity for APO application
- Responsible for Status reporting to Management
- Responsible for creating Test cases as part of Functional, Smoke and Regression Testing
- Responsible for raising defects, Review defects of Team members, Defects validation.
- Knowledge transitions to 4 new resources

Accenture Mobility Services (AMS)

DevOps Engineer | 06/ 2013 – 11/ 2014

- Interacted with Onsite Coordinators and Client for understanding requirements, enhancements, conducting brain-storming sessions and performing customizations.
- Developing a new project area on IBM RTC which follows Formal Process Management.
- Installation, Configuration and Production Support of tools.
- Solely responsible for the deployment/ go-live of 'Accenture Digital Front Door' site using IIS 7.
- Lead the migration of the AMS tools' suite across 3 different continents, which involved Accenture Leadership in the UK and US.

Tools Used: IBM Rational Tool Concert, Rational Insight, Confluence, GIT, Gerrit, Jenkins, Sonar, OTA/HockeyKit, Openkgrok, Nagios, Putty, Winscp, Atlassian Confluence, Jira / Fleet, Perfecto, Browser Stack.