AKASH GUPTA

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SUMMARY

Software engineering professional with zeal to grow in the field of **Artificial Intelligence, Business Intelligence and Data Analytics**. Good knowledge with 3+ years of hands on experience in **Machine Learning, ETL and Data warehousing.** Experience of working on the projects involving Predictive Analytics, Natural Language Processing, Image Processing, ETL Development/Testing and Data Warehousing. Self-motivated professional with strong communication skills and ability to learn new things quickly and work as a team.

TECHNICAL SKILLS

Programming Languages	:	C, C++, Python
Technologies	:	Keras, Tensorflow, Scikit-Learn, Numpy, Pandas, MatplotLib
Scripting	:	UNIX Shell, Python
RDBMS	:	Oracle, Teradata, SQL, Netezza
Big Data	:	Apache Spark
Analytics tool	:	SQL Developer, Teradata SQL Assistant, Oracle 11g
ETL Tools	:	IBM Datastage (v8.1, v8.7, v11.3), iWay DataMigrator
Scheduling Tool	:	Autosys
Operating Systems	:	Windows, Linux
BI reporting tools	:	Cognos

PROFESSIONAL SUMMARY

Machine Learning:

- Experience in Predictive Analytics using Supervised Machine Learning Algorithms – Linear regression, Logistic regression, Decision Trees, Random Forests, Naïve Bayes, K-Nearest Neighbors (KNN), Support Vector machine (SVM), Principal Component Analysis (PCA) to name a few.
- Experience in Deep Learning and implementing Neural Networks – Convolutional Neural Networks (CNN), Recursive Neural Network (RNN), Long Short-Term Memory (LSTM), etc.
- Extensive hands-on experience in modules and technologies such as Numpy, Pandas, Matplotlib, NLTK, Scikit-Learn, Keras, Tensorflow.
- Worked on Natural language Processing (NLP) and Image Processing.
- Beginner Experience in Unsupervised Machine Learning Algorithms.

ETL and Data Warehousing:

- Experience in using UNIX Shell Scripting, SQL and IBM Datastage 8.x and 11.3 for ETL applications Development and Testing.
- Experience in Migration of existing ETL applications to higher version of ETL tool.
- Extensive hands-on experience of ETL process consisting of data transformation, data analysis, design and development of mappings.
- Worked with heterogeneous data sources like Flat Files, CSV files and Databases.

PROJECTS UNDERTAKEN

Chanel

It is a Machine Learning project and I am a part of Predictive Analytics team and work on developing machine learning Models for the client.

- Personalization: Working on optimizing the recommendation engine for the client. A large amount of sales for Chanel is driven from these recommendations. It's not only valuable in driving additional revenue through upsells and suggested products; the insights gained by these machine learning algorithms can also help Client to forecast predicted demand for inventory, making seasonal and trend-based supply decisions simpler
- Sentiment Detection: Used Neural Network to train a High Precision Multiclass Classifier for detecting Positive, Neutral and Negative sentiment in the Product reviews, automating 80% of the human workload.

Citizens Bank USA

It was a data warehousing project and I was a part of application development team and worked on developing ETL processes for the client.

- FRAUD_FALCON: It is a Fraud Analytics project aimed at minimizing the debit, credit and online banking transaction frauds. We needed to create data feeds from 4 different perspective (Transaction, Account, Customer, and Business) in order to analyze data fraudulent transactions.
- Automated Financial Systems (AFS): AFS is a core banking project which is used to maintain and monitor every details regarding loans and transaction account profiles. We needed to combine data from different vendors and source systems into one logical solution. Solution was implemented using Datastage ETL Tool, UNIX Shell Scripting and SQL.

ACHIEVEMENTS AND OTHER CONTRIBUTIONS

- Have received Accenture Celebrates Excellence (ACE) award for FY'16 Quarter 4. The ACE awards program is the formal entity rewards and recognition program intended to recognize individuals and teams for demonstrating behavior that contributes to the success of the organization.
- Was appreciated from Client for my role in Critical Deliveries. Received CREDO award.
- Successfully accomplished the development of low noise amplifier design for characterization of nananoscale memory device by time- resolved nanosecond pulses at Phase Change Memory lab, Discipline of Electrical Engineering, Indian Institute of Technology Indore.
- Received A+ grades during summer Training at Hewlett Packard (HP) Education Services, Noida.
- Member of Fun-Kits Team while working with Accenture.
- Organized Various Events, Workshops and Cultural Festivals during College tenure.

EDUCATIONAL QUALIFICATIONS

Qualification	Institution	Board/University	Year	Percentage
B. Tech (Electronics & Communication Engineering)	Maharaja Agrasen Institute of Technology, Delhi	Guru Gobind Singh Indraprsatha University	2015	1st Semester:78.00% 2nd Semester:87.50% 3rd Semester:80.60% 4th Semester: 84.70% 5th Semester: 83.27% 6th Semester: 82.36% 7th Semester :80.00 % 8th Semester: 78.00%
Class 12th	C.R.P.F Public School Delhi	C.B.S.E.	2011	91.4%
Class 10th	Prince Public School, Delhi	C.B.S.E.	2009	86.4%

PERSONAL PROFILE

Date of Birth	:	March 21st, 1993
Sex	:	Male
Nationality	:	Indian
Languages Known	:	English, Hindi.
Interests	:	Listening music, Travelling.

DECLARATION AND SIGNATURE

I hereby declare that all the information given above is correct to the best of my knowledge and belief and if any discrepancies are found, my candidature will be liable to be cancelled.

Date-
Place-   AKASH GUPTA