Alok Satpathy

509 Nagle St, Apt# 202, College Station, TX-77840 | (979) 985 7169 | aloksatpathy@tamu.edu

EDUCATION

Texas A&M University, Mays Business School	College Station, Texas
Master of Science in Management Information Systems	May 2017

GPA: 3.67 / 4.0 | **Courses**: Advanced Database Management, Data Warehousing

Visvesvaraya Technological University	Belgaum, India
Bachelor of Engineering in Computer Science	June 2012

GPA: 3.22 / 4.0 | **Courses**: Database Management System, Data Mining

TECHNICAL SKILLS

- **Languages**: Python, C#, Java, Visual Basic, Powershell, HTML5, CSS3, R.
- **Databases:** SQL Server 2008/2012/2016, Amazon RDS, Redshift, NoSQL – DynamoDB, MongoDB, MySQL, IBM DB2.
- **Tools:** SSIS, SSRS, SSAS, Hadoop, Amazon Elastic MapReduce, Hive, GitHub, Tableau, Amazon Quicksight, S3, Excel.

EXPERIENCE

eMetric	San Antonio, Texas
Database Developer Intern	May 2016 – August 2016

- Developed analytics engine on events tracking data generated by test taking students using Amazon Web Services.
- Single Code base: Developed SQL Server central DB from scratch to streamline development process of derived DBs.
- Developed a Python tool to automatically deploy schema & static data from live database to target server.

Accenture	Bangalore, India
Business Intelligence Analyst	November 2014 – July 2015

- Optimized SSAS cubes, business critical KPIs and PowerBI dashboards of fortune 500 banking client.
- Enhanced downstream data delivery by performance tuning stored procedures, reducing delivery time by 35%.
- Achieved 15% reduction in incidents inflow by creating self-service tools for a major banking treasury reporting platform.
- Supervised a team of 4 employees and 12 new joiners guiding in overall technical and professional development.

Database Analyst	June 2012 – October 2014

- Collaborated with finance, insurance and healthcare clients across the globe in designing ~370 SSIS ETL workflows.
- Formulated new SSRS HR reporting application saving ~30 man hours per week.
- Automated End of Day transition reports across global rotational shift saving 3 hours of manual effort daily.

ACADEMIC PROJECTS

Data Warehousing – DFF Retail Store Chain	January 2016 – March 2016

- Designed enterprise data warehouse, dimensional data marts, ETL workflows and business intelligence reports for a retail store chain, consisting data of 137 stores in the Chicago area using Microsoft SQL Server, SSIS, SSRS and SSAS.

Python – SMS assistant AI bot for NLP	December 2015 – February 2016

- Trained AI chatterbot using Python, AIML, Twilio API and Flask framework to perform Natural Language Processing.

Hadoop – Electricity Demand Analysis and Management	September 2015 – December 2015

- Devised multi-clustered application addressing Power Supply distribution problems across US by predictive analytics, processing ~150 million records of historical data with Hadoop, MapReduce and NoSQL.

LEADERSHIP

- **Hackathons** – HackDFW, HackUTD, TAMUHack, CodeDay.
- **Vice President of IT in IGSA** - Conceptualized large-scale data mining project and launched new website for IGSA.
- **VAJRA**: Mentored new recruits in Accenture for 1.5 years, received quarterly award as the *best mentor*.
- **SDM Dream Masters**: Founded student organization for marketing national level college fests.
- **Mastering FX**: Trained 74 students in advanced graphics design with Adobe After Effects and Photoshop.
- **GPTW**: Organized town halls, outings and team building activities for Delivery Unit consisting of 300 employees.

SKILLS, ACTIVITIES & INTERESTS

- **Awards:** Accenture ACE Award, Inspiring GEM Award and 17 other monetary awards.
- **Student Organizations:** IGSA, Graduate Professional Student Council, BITS, Deshpande Foundation NGO.