

Venkata Pavan Tej Deevi

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EDUCATION

Texas A&M University

M.S. in Management Information Systems | CGPA: 3.44 / 4.0

College Station, Texas

July 2016 - May 2018

Indian Institute of Technology (ISM)

B.Tech in Electrical Engineering | CGPA: 3.98 / 4.0

Dhanbad, India

August 2009 - May 2013

Relevant Coursework:

Interactive Programming using Python, Coursera
Data Warehousing (MS SQL, SSIS, SSAS, SSRS)

Data structures and Algorithms using Python, Coursera
Advanced Database Management Systems (Bigdata)

TECHNICAL SKILLS

- Languages:** Python, Java, PL/SQL, T-SQL, Visual Basic (VBA, VBScript), C# **Frameworks:** Hadoop, .NET MVC 3
- Web Development:** ASP.NET, HTML, JavaScript **Databases:** Oracle, MS SQL Server, MySQL
- Tools:** SSIS, SSAS, SSRS, Report builder, Github, SVN, Weblogic, Visual Studio, R Studio, JIRA

PROFESSIONAL EXPERIENCE

Public Policy Research Institute – Texas A&M University

Student Software Developer

College Station, Texas

May 2017 – present

- Developed web application to validate excel uploads (ASP.NET, JavaScript, VBA, MS SQL) on the fly, replaced manual validation effort of 8 hours/file and improved data accuracy by 60%
- Designed framework to generate dynamic Excel files using data from SQL Server, improved efficiency by 150%
- Redesigned data model migrating 2,000,000 records from root-child to transposed model, reduced query run time by 80% through avoiding table joins and implementing indexes
- Developed stored procedures(T-SQL) to automate test data creation saving 2 hours/data set creation

Oracle Financial Services Software Ltd

Software Development and System Implementation Consultant

Beirut, Lebanon

June 2015 – May 2016

- Redesigned complete ATM module according to Lebanon banking regulations (PL/SQL, Java, Java Script)
- Developed user friendly version of funds transfer module, reduced time per transaction by 60%
- Migrated 25,000,000 records of data in 400 tables from legacy databases; optimized process to 14 hours
- Designed web service to integrate KYC module with in-house system handling 5000 new accounts/day

Oracle Financial Services Software Ltd

Associate Software Consultant (Banking products)

Bangalore, India

September 2013 – May 2015

- Developed triple authorization feature for Nigerian client enhancing transaction security by 200%
- Automated intra-bank cross-country transfers reporting system as part of EOD cycle saving 3 hours/day
- Resolved 600+ software bugs logged during internal acceptance testing, UAT, Alpha and Beta user testing

TECHNICAL PROJECTS

- Developed 4 web based multi-player gaming consoles using Python, MySQL, SimpleGUI
- Designed end to end data warehouse and performed ETL operations on retail chain data sized 8 GB
- Developed OLAP cubes and 5 report dashboards using SSAS, SSRS and report builder to analyze retail trends
- Designed and implemented MySQL database using ERD data modelling technique for book exchange system

LEADERSHIP/ACHIEVEMENTS

- Technical Coordinator, Student Research Week 2017 – largest student organized research event in country
- Bagged 'Best employee of the year 2015' recognition as token of appreciation for Oracle implementation
- Obtained an All India Rank of 5606 (top 0.02%) in Joint Entrance Examination (IIT-JEE) 2009
- Won CBSE merit certificate for securing full score (100/100) in mathematics in AISSE 2007