**Pavan Varma Manthena**

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| **EDUCATION** |  | |
| **Chaitanya Bharathi Institute of Technology Bachelor of Engineering in Information Technology** | Hyderabad, India | July 2018  GPA: 3.4 |
| **EXPERIENCE** |  |  |
| **Work Experience** |  |  |

**Deloitte Consulting Associate,** *Deloitte Consulting USI LLP*, Hyderabad, India, August 2018- Present

* Infrastructure Admin, responsible for designing and implementing cost efficient, secure, highly available and resilient cloud architectures in AWS and Azure Cloud.
* Oracle Database Administration, responsible for helping internal and external clients with installation, configuration, migration of data between cross vendor databases and migration of data from on-premise databases to cloud databases using cost and time-efficient methods hence minimizing the production downtime.
* Worked on a proof of concept to store the logs from various AWS resources such as EC2, RDS in S3 and analyze them using Elastic-search and visualizing them using Kibana to point out the bottlenecks and errors in real time and act immediately to resolve the issues.
* Created an automated workflow of taking exports from on-premise and pushing them to S3 using AWS CLI and then importing them into AWS RDS instances.
* Performed the following for clients:
  + Requirements gathering from client and proposing best possible technical solutions that are cost-effective.
  + Delineated the entire business activity and mapped it to technical environment.
  + Enhanced the performance aspects of the technical environment by leveraging various free and open source tools and techniques.
  + Strengthened the security features of all the data layers in client’s on-premise and cloud environments.
* Took an active part in provisioning compute resources to the internal teams of Deloitte and strived for achieving various proof of concepts and industry solutions which can improve the existing processes.

**Internship Experience**

**Data Analyst Intern,** Zetagile Info Solutions Pvt Ltd, Hyderabad, India, May 2017- June 2017

* Analyzed the data using data visualization tools and predicting the future outcomes.
* Worked on Pandas and Numpy Frameworks in Python for data cleansing and transformations.

**Under Graduate Project Experience**

* Conducted research on privacy preserving data mining using a new and unique approach in which hypercubes were used to transform data points from their original locations to random locations thus improving security of data while maintaining the similar accuracy in the data mining results.
* Developed and tested an algorithm which can predict hand-written digits using logistic Regression and sigmoid functions in Octave.
* Developed a web crawler in Python which can download mp3 files by visiting various websites.

# LEADERSHIP EXPERIENCE

## Member, SNET Events & Planning Committee, Deloitte August 2018- Present

* + Assisted the committee in organizing semiannual gatherings of the entire Solutions Network service line.
  + Took the responsibility of organizing networking events with the leadership.
* **Lead, Open Source community club, CBIT** January 2017- March 2018
  + Led the club in conducting various workshops to students on open-source technologies.
* **Member , Information technology fest (TECSTACY), CBIT** September 2016- March 2018
  + Undertook the responsibility of organizing the Information technology fest (TECSTACY).
  + Acted as the intermediary between the faculty and the student body.

# ACHEIVEMENTS

## Deloitte Consulting USI LLP

* Received a project specific award for improving security of PHI/PII data in the client databases.
* Received a spot award for internal team cloud initiatives.

# CERTIFICATIONS

* Amazon Web Services Certified Solutions Architect – Associate
* Oracle Certified 12c SQL Associate

# SKILLS

**Computer skills:** AWS Cloud, Oracle Database, Python, Ansible, Docker, Kubernetes, Linux and windows platforms.

**Languages:** English, Telugu and Hindi