

Sri Varsha Chellapilla

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EDUCATION

Indiana University, Bloomington, Indiana
Master of Science in Computer Science

Expected May 2023

GPA 3.43/4.0

GITAM University, Visakhapatnam, India

May 2018

Bachelor of Technology in Information Technology

GPA 8.54/10

TECHNICAL SKILLS

Programming Languages:	Python, Spark, Java J2EE, C++.
Web Development:	HTML 5, CSS, PHP, jQuery.
Database Management:	Oracle, MySQL, SQL, PostgreSQL, NoSQL.
Operating System:	Windows, Linux.
Bigdata Eco systems:	Hadoop, MapReduce, HDFS, Spark, Hive, Apache Pig, ETL.
Data Visualization:	Tableau.
Certifications:	Programming for Everybody (Getting Started with Python), University of Michigan

PROFESSIONAL EXPERIENCE

Indiana University, Bloomington, IN, USA

Mar 2022-Present

Indiana Teaching Assistant (Great Ideas of Computer Science)

- Frame questions for the Dashboard assignments, grade and evaluate them.
- Conduct labs and office hours to advise and assist class of 60 undergraduate students with their coursework.

Accenture Solutions Pt. Ltd, Hyderabad, TG, India

Nov 2019 – Aug 2021

Operational Quality Manager

- Authorized and validated the Software Development Lifecycle documents for web and automation applications. 15 enhancement applications successfully went live within the deadline with no deviations.
- Provided guidance, training, coaching and work assignments for six Quality Assurance operational team on Computer System Validation.
- Approved change requests and post approval of change requests, performed Quality reviews periodically on Software Development Lifecycle documents. 3 GxP high level category applications went live and the user base was increased by 7%.
- Gained experience on quality assurance and standard operating procedures.
- Received "Resilience enablers Award".

Accenture Solutions Pt. Ltd, Mumbai, MH, India

Jul 2018 – Oct 2019

Application Development Analyst

- Designed, built and configured applications to meet business process and application requirements for major North American insurance clients.
- Performed data analytics on client data to identify pain paths in insurance process journey which decreased the dropout rate of users by 17%.
- Created and maintained SQL databases for insurance users.
- Gained experience in Cassandra CQL, Kafka Spark, Java and web development. Monitored interns in the team to take work forward.

PROJECTS

Currency Converter web application

May 2017 – Jul 2017

- Engineered a web application that could convert currency based on current exchange rates with various other add-ons such as newsletter and chatbot. Devised HTML script for web page.

IoT Based Micro Irrigation Grid

Aug 2017 – Dec 2017

- Orchestrated a prototype of an intelligent micro-irrigation grid for efficient use and conservation of water with farmer alert system.
- Developed the ideation and coordinated for the integration of the hardware and software components.
- Nominated as top 3rd presentation among 200 others, in 4th Industrial IOT Revolution seminar, Vijayawada, Andhra Pradesh, India, 2017.

Home Automation System Using IoT

Feb 2018-Apr 2018

- Designed a Home Automation system which can be accessed using Bluetooth through an Android application.
- Fostered the User Interface for the Android application "Easy Smart Home" and created code for Arduino UNO on IDE.