

SRI VARSHA CHELLAPILLA

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EDUCATION

Indiana University, Bloomington, IN, USA

Expected May 2023

Master of Science in Computer Science

Relevant Coursework: Applied Algorithms, Elements of Artificial Intelligence, Advance Database Concepts, Advanced Operating Systems

Gandhi Institute of Technology and Management, Visakhapatnam, AP, India

May 2018

Bachelor of Technology in Information Technology

CGPA: 8.54/10

Relevant Coursework: Data Structures and Algorithms, Graphics and multimedia, Programming with Java, Database Management Systems, Artificial Intelligence, Cryptography and Network Security, etc.

TECHNICAL SKILLS

Programming Languages:	Python, Spark, Java J2EE, C++.
Web Development:	HTML 5, CSS, PHP, jQuery.
Database Management:	Oracle, MySQL, SQL Server, 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

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.
- 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 to support the deployment.
- Gained experience on quality assurance and standard operating procedures.

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.

ACADEMIC 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. Developed HTML script for web page.

IoT Based Micro Irrigation Grid

Aug 2017 – Dec 2017

- Designed 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.
- Developed the User Interface for the Android application “Easy Smart Home” and created code for Arduino UNO on IDE.

EXTRACURRICULAR ACTIVITIY

Make a Difference (NGO), Visakhapatnam, AP, India

May 2014 – Dec 2015

Core Member

- Taught Mathematics to a class of 58 high school students
- Organized fund raiser events and workshops to raise funds for the NGO

Computer Society of India, Visakhapatnam, AP, India

Aug 2015 – Feb 2018

Core Member

- Organized Python workshop with over 1500 participants
- Received letter of appreciation from Head of Computer Science department

GUSAC, GITAM University, Visakhapatnam, AP, India

Mar 2015 – Oct 2017

Core Member

- Organized Intra-College technology and cultural fest every year for promoting innovation and arts
- Trained students on how to build and program automated bots