

EDUCATION

Santa Clara University, Santa Clara, USA

September 2018 - June 2020

Master's in computer science and Engineering

VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad, India

September 2014 - June 2018

Bachelor of Engineering in Computer Science

Relevant Courses: Data Structures, Analysis and Design of Algorithms, Database Management Systems, Operating Systems, Object Oriented Programming, Cloud Computing

SKILL SETS

Programming Languages and Web technologies: Java, Spring Boot, C++, C, Python, JavaScript, HTML, CSS, RESTful web services, JSON, XML, Junit Testing, Perl, Node.js, Express.js

Database Technologies: MySQL, SQLite, Oracle 12c, PLSQL, DynamoDB, Linux

Frameworks: GitHub, Android Studio, AWS, Ruby on Rails, Apache Tomcat, JBOSS WebLogic Application Server, FCM, JUnit testing

Design Principles and SDLC: ER Diagrams, UML Diagrams, Agile methodology.

Self-Learning: React.js, Docker, AWS, Node.js

PROFESSIONAL EXPERIENCE

Blooming Systems – Hyderabad, India

June 2017 - April 2018

Software Engineer Intern

1. Customer Relation Management (CRM)

- Worked on creating new process for the new requirements and integrated it with the already existing ETL.
- Created shell scripts to Transform and load data into Warehouse with help of PLSQL concepts.
- With end to end understanding of Project applications. Managed deployment of the new changes. Scheduling jobs, testing the workflow and maintaining data integrity.
- Involved in the continuous enhancements and fixing of production problems.
- Supported the team in documentation and deployment activities.

2. Direct Import

- Worked closely with the team to design the FTP fetcher, XML processor, schedule builder and schedule publisher for various broadcast channels.
- Streamlined a tool to automatically verify transformed XML generated to conform to the specified Document Type Definition (DTD).
- Developed system test scripts using Python for end to end automation testing of microservices.
- Performed regression testing and unit testing.
- Resolved a number of bugs and raised them on Jira.

ACADEMIC PROJECTS

1. Secure Deduplication of Encrypted Data in Attribute-Based Storage System Using Cloud

- Implemented an attribute-based encryption to provide confidentiality to users by specifying access policies.
- Developed a script to combine access policies with ciphertext regeneration technique.
- Implemented SHA Algorithm to delete duplicate files in the Cloud.

2. Chatbot

- Developed a chatbot using Kore.ai and integrated it with AWS using REST API calls, which collects information from users.
- Programmed a system to invoke Blue prism by a chatbot and gathered information from DynamoDB through API calls to auto-fill the applications.

3. Secure Food Market

- Designed an application to improve supply chain management by recording transaction data using smart contracts deployed on Ethereum blockchain using solidity, truffle, HTML5, SASS, JavaScript

4. Conference Room Booking System

- Created a single page web application that allowed the users to book the conference rooms at their desired time & location.
- Implemented the secure login feature for authorized user to make room bookings on the website using technology stack as such as HTML, CSS, PHP, MYSQL.

5. Peer-to-Peer Book Rental Android Application - Book IT

- Built a book rental app that will primarily run on the Android Operating System. This app will allow students to rent out their books to classmates and customers for a while, albeit with a small cost using SQLite, FCM, XML, JAVA

INDEPENDENT STUDY

Completed fundamentals of Dockers which is used to make deployment easier by containerizing the application.