

EDUCATION

Master of Science in Computer Science, *The University of Texas at Dallas* Dec 2019

- *Relevant Coursework:* Design and Analysis of Computer Algorithms, Web Programming Languages, Machine Learning, Big Data Management and Analytics, Artificial Intelligence, Natural Language Programming

Bachelor of Engineering in Electrical and Electronics Engineering, *CBIT* May 2015

LANGUAGES AND TECHNOLOGIES (*- Exposure)

Programming Languages: Java, Python, JavaScript

Frameworks and Technologies: Git, ReactJS, React Native, Redux, AngularJS, Spring MVC, Big Query, Jest, Behavior Driven Design

Databases: SQL, NoSQL - Cassandra

OS and Cloud: Windows, macOS, GCP, AWS*

Tools and IDE: Jira, Maven, Concourse CI/CD, New Relic, Apache Beam*, Cloud Composer*, Apache Airflow*

PROFESSIONAL EXPERIENCE

Software Engineer II **The Home Depot** Jan 2020 - Present

- Designed and implemented end-to-end solutions to improve Cart Experience for online customers
- Building scalable UI for excellent customer experience by incorporating reliability into systems
- Implemented various features for vendors to improve order conversion rate and profit margins
- Developed and delivered multi-mode communications that tackle unique needs of different audiences
- Deployed secure code by maintaining code quality, reducing waste with an accuracy of at least 95% or above
- Created dashboards, logging, alerting, and responses to ensure that issues are captured and addressed proactively
- Statistical Analysis on large datasets in Google Big Query which helped in detecting error and order trends
- Designed a Bot which is integrated with Slack that exposed various functionalities using slash commands
- Designed, created, and maintained database structures in Cassandra
- Building feature engineering pipelines using Apache Beam for data flow between various systems
- Architecting infrastructure for ML projects and integrating it with microservices
- Engineered microservices by incorporating security, monitoring, reliability and scalability principles

Software Engineer **Infosys Limited** Sep 2015 - Jun 2017

- Implemented web applications using Java Enterprise which involved project management and database management
- Back-end development of web applications using J2EE (Hibernate)
- Worked on Info Cubes, Data Store Objects and queries in SAP Business Warehouse systems
- Modified and tested queries using Business Explorer Query Designer
- Analyzed queries through generated reports using Business Explorer Analyzer and project documentation

Software Engineer Intern **The Home Depot** May 2019 - Aug 2019

- Planned, Designed, Proposed and Developed a working solution for the problem statement
- Full Stack web application development using React Redux and Spring Boot
- Architecting the microservice and integrating it into the eco-system

PROJECTS

Tech Store Project – Angular 5, MongoDB, Node JS, Express JS, Bootstrap

Re-engineered a Tech-Store website by following single page application design and implemented operations for users to purchase products and for admins to maintain inventory. Also, developed features such as cart management system, login/signup, paging, checkout, product filtering.

Database and Indexing – JAVA, MySQL

Created a database management system inspired from MySQL using Java that supports DDL, DML and VDL commands. Implemented file per table strategy for physical storage and B+ trees for indexing records.