

VIGNESHWARA BOOPATHI

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Salt Lake City, UT 84115

EDUCATION

Master of Science, Information Systems (GPA: 3.77/4.00)

2022-2023

University of Utah, Salt Lake City, UT

Bachelor of Engineering, Computer Science and Engineering (GPA: 8.37/10.00)

2015-2019

Anna University, Chennai, India

EXPERIENCE

Software Engineer | Infosys Limited (Client: Google LLC)

Aug'19 - Aug'22

- Worked on the **CPQ phase**, is a cloud provider based platform to develop and maintain **Agreement life-cycle** from Quote creation to eSignatures.
- Used the **REST API** to integrate with the front-end website where pricing information is stored, developed in **Java**.
- Development of UI using **LWC** to demonstrate the status of document generation and number of documents, using **Spring, Javascript**.
- Worked on a DocuSign feature which helps the users to **automate report execution** in a recurring manner.
- Developed enhancements that made the report's **run 2-3x faster** on most use cases, **avoiding redundant db calls** by retrieving the data, and by inserting only the necessary data needed for aggregation on MS Word add-ins.
- Worked on an **enhancement** to combine actuals and forecast data in the **report** results using Java, **SOQL** queries.
- Performed **unit, regression** and **UAT test** for legacy code using **Selenium**.
- Using the **managed-package provided by Conga** for Agreement generation.
- In the **Agile** process, participated in **sprint and daily scrum calls** to coordinate with the team to fulfill the story and is reported in **JIRA**.
- Experienced in **designing the solution** and framework to accommodate various business processes and objects.
- Experienced in working at **Client-side** taking requirements and building the solution to meet the business needs with industry best practices.

Software Developer Trainee | Infosys Limited

Dec'18 - Apr'19

- Worked on **Salesforce's CRM** that helps businesses to generate leads, engage with customers and grow their revenue.

PROJECTS

Customer Management System (Database Management System)

Jan'23

- Designed a Customer Management System and implemented tasks for profile users. Functionalities include creating a profile, customer orders and related services using **Python OOPs** concepts in **Django Framework**.
- Ensured **consistency** of application running on **Heroku** server deployed in **AWS RDS, VPC** and **S3 Buckets**.

Probabilistic CKY Parser

Nov'22

- Developed a CKY bottom-up parsing **dynamic programming algorithm** for context free grammars using Python.
- Grammar rules were first binarized and passed to the CKY Parser and the output converted to their natural form.

SKILLS

Languages: C, Java, Python

Databases: SQL

Tools: Salesforce CPQ, Jira, Selenium, AWS

Designing Technology: HTML, CSS, JavaScript

DevOps: Jenkins, Github

Server: Tomcat, Heroku