

# Sumanth Thota

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## EXPERIENCE - 2+ years

**Accenture** • Bengaluru, India

Jul 2020 – Aug 2022

*Software Engineer*

- As part of Ultimate Kronos group integration (UKG) developed backend business logic to create a new single business structure for Kronos and Ultimate mainly using Java, and CQRS Microservices concept.
- Contributed to a feature enhancement that allows integrations to autonomously schedule future executions.
- Implemented a production support tool using CQRS-ES, significantly reducing troubleshooting time by offering real-time visibility into user-configured values for UltiPro platform tenants, effectively optimizing 100+ hours of time.
- Developed end-to-end UI automation test suites and functional libraries in Nightwatch.js to verify Business Structure changes with 80% coverage and automate the execution of these tests against the build.
- Performed regression and data-driven testing for 700+ test cases using Postman and Mongo DB, including the process flow of the entire business architecture.
- Coordinated workshops to collect product requirements, evaluated processes and identified areas for improvement.

**Krify Software Technologies** • Kakinada, India

Jan 2020 – Apr 2020

*Software Development Intern*

- Played a key role in developing a loyalty program using Java and Spring Boot, prioritizing high performance.
- Designed database schema and models to capture complex loyalty and rewards data relationships.
- Conducted detailed testing of the loyalty program's features, guaranteeing smooth user interactions, and delivering immediate feedback for swift issues.

## EDUCATION

**University At Buffalo, The State University of New York**

Buffalo, NY

Master of Science: Computer Science and Engineering. GPA 3.6

Jan 2024

## SKILLS

**Programming languages:** Java | JavaScript | Python | Swift | HTML | CSS.

**Software Frameworks:** React | Node.JS | Spring Boot | Django | SwiftUI | Object-Oriented Programming | Rest API | End-to-End Testing | Selenium | Nightwatch.js | Bootstrap.

**Tools & Technologies:** Linux | GIT | AWS | Azure | GCP | Docker | JMeter | MySQL | PostgreSQL | MongoDB | Power BI | VS Code | JIRA | Notion | Prompt Engineering in AI.

## ACADEMIC PROJECTS

**Search Engine — [Information Retrieval | React | Solr | NLTK]**

Jan 2023 – May 2023

- Developed a Search Engine by scraping data from Reddit, using PushshiftAPI to create a postings list for enhanced data organization and query efficiency. Indexed the data with Solr to enable efficient search capabilities and Integrated into React search UI, enhancing data organization and search relevance.

**Social media application — [Blockchain | React | Solidity]**

Aug 2022 – Dec 2022

- Developed decentralized social media application operating on blockchain technology. Created the Smart Contract, web3 connection and UI using MERN stack. Enabled secure transactions via MetaMask and deployed the app on the Ethereum test network, while also developing a custom token using Solidity.

**Data Analysis, Modelling and Prediction of Credit Card Defaulters — [PyTorch | Sklearn | Flask]**

Aug 2022 – Dec 2022

- Performed data processing, data cleaning, data engineering, and eleven steps in Exploratory Data Analysis on credit card holders using various ML models and statistical modeling algorithms including classification, regression, and clustering. Developed a Flask application along with an interactive UI that predicts defaulters using Random Forest.

## ACHIEVEMENTS AND HOBBIES

- Earned recognition as the **'Ultimate Engineer'** from UKG for efficient issue resolution and accelerating rollouts.
- Awarded as **'Best Quality Engineer'** at Accenture, acknowledged for managing entire QA process single-handedly.
- Lead weekly programs under UB Sustainability, including tree-planting, composting, and awareness campaigns.
- Engaging in open-source contributions, by adding functionalities and fixing bugs to support collaborative coding.