

# MAHIDHAR REDDY NARALA

## SOFTWARE ENGINEER

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## PROFESSIONAL SUMMARY

Software Development Engineer with experience in payments and e-commerce platforms. Skilled in REST APIs, web-services, micro-services, web development, back-end processes, with focus in Java and Python languages.

## SKILLS

**Languages:** C, C++, CSS, HTML, **Java**, JavaScript, PHP, PL/SQL, **Python**

**Databases:** Cassandra, **MongoDB**, **MySQL**, Oracle DB, Postgres, Redis

**Platforms:** Django, Drupal, Git, Hadoop, **Kafka**, **Kubernetes**, NLP, NodeJS, Spark, **Spring Boot**, WordPress

**Soft Skills:** Aspiring Leader, Critical thinker, Data-driven, Innovative mindset, Keen Observer

**Other:** Data Structures, Algorithms, System Design, Agile, Kanban, Software Development Life Cycle

## WORK EXPERIENCE

### Florida State University

*Full Stack Developer*

Tallahassee, Florida

Oct 2022 - Present

- Enhancing, maintaining and managing 10+ websites of the College of Fine Arts department at FSU
- Accelerated projects to migrate and revamp all CFA websites to **WordPress** and Drupal

### Flipkart

*Software Development Engineer*

Bangalore, India

Aug 2021 - Jul 2022

- Collaborated with the Search Experience team of Flipkart
- Supported multiple **Java** back-end **micro-services** responsible for fetching and highlighting products on search
- Undertook ownership of 2 back-end **REST API** services of Spotlight and Snippet completely
- Developed features end-to-end along with A/B testing, deploying and monitoring them
- Spearheaded various projects resulting in over 3% increased user traffic conversion from search overall

### NCR Corporation

*SW Engineer II*

Hyderabad, India

Jul 2018 - Aug 2021

- On boarded NCR's flagship payment switch software called Authentic
- Contributed to various **J2EE** web applications, **core Java** transaction processes on multiple versions
- Oversaw major banking clients like Wells Fargo in resolving software defects and vulnerabilities
- Streamlined various processes with prototype applications mobilizing team velocity
- Reduced the defect backlog by over 80% and resolved all critical and medium vulnerabilities

## PROJECTS

### Best Value

Flipkart | Feb 2022

- Revamped and designed the whole Best Value tag architecture from scratch
- Reduced the tag consistency to under a few minutes making it more accurate with respect to price using **Kafka**
- Improved user conversion rate by 20% for the products with Best Value tag

### SLA Monitor

NCR | May 2020

- Devised a java tool to monitor SLAs of defect backlog items on Jira board using JRJC Rest API
- Built a notification system to respective Dev personnel resulting in over 95% SLA adherence

### Omni Search

NCR | Aug 2019

- Pioneered a query tool with **Django** framework in **Python** using **NLP** (Natural Language Processing)
- Remodeled existing search to understand user's simple English input and query database to get the output
- Incorporated it into existing System Monitor web application to show real-time ATM information

## EDUCATION

### Florida State University

Master of Science, Computer Science

Tallahassee, Florida

Aug 2022 - May 2024

### Jawaharlal Nehru Technological University Hyderabad

Bachelor of Technology, Electronics and Communication Engineering

Hyderabad, India

Sep 2014 - May 2018