MAHIDHAR REDDY NARALA
SOFTWARE DEVELOPMENT ENGINEER

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PROFESSIONAL SUMMARY

Software Development Engineer with experience in payments and e-commerce platforms. Skilled in highly scalable REST APIs, backend services, webservices with focus in Java and Python languages in addition to web development.

SKILLS

Languages: C/C++, C#, CSS, HTML, Java, JavaScript, PHP, PL/SQL, Python
Databases: Cassandra, MongoDB, MSSQL, MySQL, Oracle DB, Postgres, Redis
Soft Skills: Aspiring Leader, Critical thinker, Data-driven, Innovative mindset, Keen Observer
Other: Data Structures, Algorithms, System Design, Agile, Kanban, Software Development Life Cycle
Platforms: AWS, Django, Docker, GCP, Git, Hadoop, Kafka, Kubernetes, Node.js, Spark, Spring Boot

WORK EXPERIENCE

Florida State University — Tallahassee, Florida
Full Stack Developer — Oct 2022 - Present

- Managed and enhanced 10+ College of Fine Arts websites using WordPress and Drupal.
- Led project to migrate all CFA websites to a new platform improving user experience.
- Optimized website functionality and performance, boosting user engagement.

Flipkart — Bangalore, India
Software Development Engineer — Aug 2021 - Jul 2022

- Collaborated with the Search Experience team of Flipkart.
- Contributed to over 6 **Java** and **Python** backend **microservices**.
- Undertook complete ownership of 2 Search highlight **RESTful** microservices.
- Developed features end-to-end including deploying, A/B testing, and monitoring.
- Spearheaded product highlighting features resulting in a 3% increased user traffic conversion.

NCR Corporation — Hyderabad, India
SW Engineer II — Jul 2018 - Aug 2021

- On boarded NCR's flagship payment switch software team of Authentic.
- Supported multiple **J2EE** web applications, core Java transaction processes.
- Oversaw major banking clients in resolving software defects and vulnerabilities.
- Streamlined processes by innovating prototype applications mobilizing team velocity.
- Reduced the defect backlog by over 80% and resolved all critical and medium vulnerabilities.

PROJECTS

Best Value

- Revamped and designed microservice architecture from scratch lowering the tag response time to under a few milliseconds by using Kafka and Redis thereby making the more dynamic and accurate.
- Improved user conversion rate by 20% for the products with Best Value tag.

SLA Monitor

- 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

- Pioneered a query tool with Django framework in Python using Natural Language Processing.
- Remodeled existing search functionality to understand user's English input and query for results.
- Incorporated it into existing System Monitor web application to show real-time ATM information.

EDUCATION

Florida State University — Tallahassee, Florida
Master of Science, Computer Science — Aug 2022 - May 2024

Jawaharlal Nehru Technological University Hyderabad — Hyderabad, India
Bachelor of Technology, Electronics and Communication Engineering — Sep 2014 - May 2018