







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, webservice 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, MariaDB, 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 6+ **Java** and **Python** backend Dropwizard **microservices**.
- Undertook complete ownership of 2 Search highlight **RESTful** microservices.
- Developed features end-to-end including deploying, A/B testing, and monitoring.
- Spearheaded several search features resulting in a 3% increased user traffic conversion.
- Revamped and designed a search highlight microservice architecture from scratch.
- Established ETL data pipelines with Hadoop file system and periodic Spark jobs.
- Lowered the response time of the API to less than 5 milliseconds with Redis.
- Improved user conversion rate by 20% for the products with Best Value tag.
- Integrated Ads to Search resulting in 15% more ad impressions increasing ad revenue.

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 various prototypes mobilizing team velocity.
- Devised a Java tool using JRJC Rest API to monitor SLAs of Jira backlog items.
- Implemented a notification system for dev personnel achieving over 95% SLA adherence.
- Reduced the defect backlog by over 80% and resolved all critical and medium vulnerabilities.
- 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.

Spyry Technologies

Bangalore, India

Ethical Hacking Intern

Jun 2017 - Jul 2017

- Explored the world of Ethical Hacking with experienced professionals at Spyry technologies and assisted the Spyry team in pen testing a client's website and delivered a detailed report of the vulnerabilities.

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