

Renuka Srishti

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EDUCATION

Indiana University

Master of Science in Computer Science, GPA: 3.83/4.0

Bloomington, IN

Jan 2021 – Dec 2022

Oriental College of Technology

Bachelor of Engineering in Computer Science & Engineering, GPA: 7.94/10

Bhopal, India

Aug. 2011 – June 2015

EXPERIENCE

Lead Developer

June 2018 – Dec 2020

Persistent Systems

Pune, India

- Developed automated analysis scripts to extract features and tag Cognos reports
- Automated the migration of Cognos reports to the client's In-house developed reporting tool
- Received the High Five award for my work on automated analysis of the reports
- Developed APIs & pipelines to aggregate data from multiple sources for EDL using Apache Hadoop
- Designed and Developed a POC for an organization-wide automated conversion of EDL to cloud data lake
- Implemented java services for query optimization to improve aggregated Elasticsearch search relevance score from 80% to 92% on metrics Clickthrough Rate, Mean Reciprocal Rank & Normalized Discounted Cumulative Gain
- Received Bravo Award for the development of APIs for data ingestion into EDL

Enterprise Senior Software Engineer

Oct 2015 – May 2018

HotWax Systems

Indore, India

- Developed an E-commerce Website using Apache OFBiz framework
- Implemented various Apache OFBiz processes such as multiple shipments, placing an order, creating customers with specific roles, inventory, and procurement management.
- Developed Apache Solr's features such as schema design, relevance searching, faceting, highlighting, suggester, spell checking, tokenizers, Analytic component for an enterprise web application.
- Developed a User-Based and Item-Based Collaborative filtering Recommender system along with a user interface and wrote APIs to integrate them with E-Commerce Solutions.
- Implemented SolrCloud using an external zookeeper ensemble for distributed indexing to achieve high availability and scalability.
- Successfully led a team of 5 members which involved working on all phases of the software development cycle from requirement gathering analysis to delivery of the project.

PROJECTS

Microservice based weather visualizer

Jan 2022 – Present

- Developed highly available, fault-tolerant cloud native weather visualizer on NEXRAD/NASA Marshall Space Center data.
- Java, Python and TypeScript for microservices communicating with gRPC and Kafka
- Containerized each microservice using Docker and deployed on Kubernetes cluster
- Implemented CI/CD using Jenkins and planning to automate cluster deployment using Ansible

Technologies : *Java, Spring Boot, Vue.js, Python, TypeScript, Kubernetes, Kafka, Ansible, Jenkins.*

MePhy Health 🏠

Aug 2021 – Dec 2021

- Full-stack application for all fitness and wellness needs to improve mental and physical health

Technologies : *Vue.js, Spring boot, Java, and PostgreSQL*

TECHNICAL SKILLS

Programming Languages: Java, Python, C, C++

Databases: MySQL, Oracle, MS SQL Server, MongoDB, PostgreSQL

Frameworks: Spring, Angular, Vue.js, Apache OFBiz

Tools: Talend, Apache Spark, Apache Hadoop, Apache ZooKeeper, Apache SolrCloud, Git, Jenkins, Docker, Kubernetes, Apache Kafka, GCP, Cloud Pub/Sub, Google Cloud Functions

Search Engine Technologies: Apache Solr, Elasticsearch