Yashaswini Kondakindi

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Gainesville, Florida (Open to Relocate)

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EDUCATION

Master of Science in Computer Science, *University of Florida*   Expecting December 2023

Bachelor of Engineering in Information Technology, *Osmania University ; GPA : 4.0/4.0*   May 2020

PROFESSIONAL WORK EXPERIENCE

Software Developer Intern   **May 2023 — present**
One360 LLC   *Orlando, US*

- Led the development of scalable and high-performance frontend and backend systems using technologies such as NodeJS, ExpressJS, ReactJS, MongoDB and SQL databases, resulting in a 30% improvement in overall system efficiency.
- Engineered and deployed RESTful APIs while optimizing database queries, culminating in a 35% decrease in API response times and a marked elevation of the application's overall performance.
- Created 6 automation tools in Python for JSON Schema itemization, conversion between XML, CSV, JSON decreasing development time and costs by 35% during solutioning.
- Drove seamless integration of data between CAD and RMS systems by spearheading the development of 15+ C# connectors encompassing file, database, and API-based solutions, to ensure accurate data storage and streamlined cross-platform data exchange.

Full Stack Engineer   **October 2020 — December 2021**
Cognizant Technology Pvt. Ltd.   *Hyderabad, IN*

- Designed and developed high-performance systems using Java Spring Boot, AWS, Kafka, Elastic Search, and Redis for scalable online pharmaceutical company and secure Patients and Medicine Records management.
- Achieved 65% reduced streaming latency with optimized Kafka and Redis pipeline while improving AWS RDS MySQL database performance by 52% through query performance tuning.
- Streamlined backend and UI testing/release with Jenkins pipelines, bringing down production deployment time to under 10 minutes.
- Implemented user authentication and authorization functionalities using OAuth 2.0 and JWT tokenization for secure login and role-based access control to manage user privileges and ensure data confidentiality.

Software Developer Intern   **January 2020 — May 2020**
Cognizant Technology Pvt. Ltd.   *Hyderabad, IN*

- Built pivotal REST APIs for a Management platform, leveraging Java and the Spring Framework to facilitate intelligent data extraction and document management, efficiently handling over 1.5M+ requests daily.
- Devised an event-driven framework leveraging Apache Kafka, facilitating seamless publication and consumption of daily events on a significant scale.
- Automated CI/CD pipelines with Jenkins, leveraging RestAssured framework for API testing, bringing down issue resolution time by 40%.
- Utilised Docker for containerization, enabling seamless deployment and scaling of backend services, resulting in a 50% reduction in deployment time and improved scalability.

SKILLS

Programming Languages	Java, Javascript, HTML/CSS, SQL, MongoDB, XML, JSON
Tools & Libraries	Spring Boot, Kafka, React.js, Node.js, Express.js, Bootstrap, ElasticSearch
Cloud Technologies	Docker, Kubernetes, AWS EC2, RDS, S3, Lambda, and API Gateway.
Relevant Courses	Data Structures, Algorithms, Operating Systems, Computer Networks, Database Systems, Distributed Systems, Software Engineering, Agile Methodologies.

ACADEMIC WORK EXPERIENCE

Database System Implementation using C++   **August 2022 — December 2022**

- Created and optimized a database management system on Linux, utilizing advanced data structures such as heap, array, and B+ trees.
- Devised a query optimizer and compiler to execute essential data operations, encompassing record insertion, removal, and retrieval from the disk.

Pension Management System Application   **June 2019 — December 2019**

- Crafted a Web Application using Java, JavaScript, HTML, CSS, Spring Boot, Kafka, MySQL, AWS, Docker.
- Implemented key services like Transaction, User service, Notification, Email service, and a Wallet for secure money storage.
- Utilized Kafka for real-time data streaming, enabling distributed transactions and ensuring seamless communication between services.

Student Teaching Assistant, Osmania University   **January 2019 — May 2019**

- Served as a Teaching Assistant for Object Oriented Programming. Taught OOPs concepts using Java programming language to a class of 25 students; also gave hands-on tutorials during 30+ Lab sessions.

ACHIEVEMENTS

- Received a Gold Medal for Academic Excellence in Information Technology Department.
- Awarded for getting Osmania University Rank 6 in 2016-2020 batch of B.E in Information Technology.
- Received the Academic Achievement award from the University of Florida for outstanding overall performance in undergraduation.
- Elected Coordinator of the Computer Society of India (CSI) and organized about 15+ technical fests, 20+ coding contests state level.