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Yashaswini Kondakindi

San Jose, California (Open to Relocate)

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Education

Master of Science in Computer Science, *University of Florida* — January 2022 - December 2023

Bachelor of Engineering in Information Technology, *Osmania University* — August 2016 - May 2020

Skills

Programming Languages	Java, JavaScript, TypeScript, Python
Tools & Libraries	Spring Boot, Spring Framework, Hibernate, ReactJS, NodeJS, ExpressJS, JUnit, JEST, Mockito
Cloud Technologies & DB	Docker, Kubernetes, AWS, MySQL, PostgreSQL, MongoDB, Kafka, Redis, ElasticSearch
Relevant Courses	Data Structures & Algorithms, Operating Systems, Computer Networks, Database Systems, Distributed Systems, Big Data Analytics

Work Experience

One360 LLC — **May 2023 — present**

Software Engineer II — *San Jose, US*

- Built a highly scalable Public Safety Message Dispatcher and Management backend system that dispatches 2M+ notifications per day using Java, SpringBoot, Kafka and Redis.
- Led the development of an event-driven Notification service utilises Apache Kafka, facilitating publishing and consumption of daily events at scale.
- Architected Airflow-based workflows to ingest, aggregate dispatcher data to monitor metrics on a live dashboard built using D3.js reducing manual intervention by 60%.
- Collaborated in a shared on-call roster, creating runbooks, alerts, and resolving technical incidents with 20 minute mean time to recover.

Cognizant Technology Pvt. Ltd. — **January 2020 — December 2021**

Full Stack Engineer — *Hyderabad, IN*

- Designed and developed the **"Contactless Payment System"**, accelerating transactions by 60% and supporting various payment methods (cash, online, digital wallet, cards) using Spring Boot, micro-services, and Java.
- Designed architecture comprising of cross functional to handle fraud transactions during the offline pockets of the bus schedules.
- Created a **"Central Authorization Server"** with hybrid authentication using Google's OAuth2.0, ensuring security for all business products and enabling Single Sign-On (SSO). Utilized Spring Boot and Java with a 99.99% server uptime.
- **Built "Automated Fare Collection System" to enhance efficiency by 10x** and reduce fraud by 80% in scheduling, dispatching, and collection processes for public transportation in 40+ cities. **Resulted in a 65% increase in digital transactions** in bus ticketing directly from the products built.
- Developed an KYC User and Payments Systems , **reducing customer verification times by 90% and boosting user engagement to 95%**.
- Implemented **cross-platform** web-views for seamless integration into Android apps, desktops, and other devices.
- **Technologies used : React, Javascript, Typescript, Java, Spring Boot, Postgres, HTML, CSS**.

Software Engineer Intern — *Hyderabad, IN*

- Designed and developed high-performance systems using Java, Spring Boot, Angular, AWS, Kafka, Elastic Search, Mockito, JUnit and Redis for scalable online pharmaceutical company and secure Patients and Medicine Records management.
- Optimised the existing code base, restructured it to reduce the average response time by 75% while enhancing database performance and loading speed by 25% through strategic query optimization and refining Spring Boot configuration.
- 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.

Academic Projects

All About DNS DNSSEC — **January 2023 — May 2023**

- Implemented DNS resolver using dnspython library where the resolver will first contact the root server, then the top-level domains, all the way down to the corresponding name server to resolve the DNS query using UDP requests.
- In addition, added security to DNS (DNSSEC) with public-private key encryption techniques using KSK, ZSK, RRSET, and RRSIG.
- **Technologies Used**: Python, dnspython, TCP/IP , UDP

PayEasy - Payment Service Application — **November 2022 — December 2022**

- Developed a Payment Web Application using Java, Spring Boot, Kafka, Hibernate, and MySQL.
- 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.
- **Technologies Used**: Java, JavaScript, HTML, CSS, Spring Boot, Kafka, MySQL

Fault Tolerant Primary/ Backup System — **June 2022 — September 2022**

- Built a fault tolerant system for key-value service by implementing the primary/backup replication.
- Created a master server which decides the primary and backup by keeping track of alive machines to work correctly even in the presence of network partitions.
- **Technologies Used**: Distributed Systems, Python, DistAlgo