Raghav Srivastava

sraghav42@gmail.com | 347-435-7751 | Jersey City, NJ | LinkedIn | GitHub

WORK EXPERIENCE

Software Engineer, CITIZENS PROPERTY INSURANCE CORP.   06/2023 – present

- Designed critical **REST and SOAP integration APIs** using **Java** and **Javascript** hosted on **AWS**, ensuring smooth payments and claims filing for **2 million plus policyholders**.
- Developed and optimized secure file transfer **microservices** using **Java**, ensuring high availability and encrypted transmission of **100,000+ files daily from third-party vendors**, enhancing system performance and security.
- Conducted Proof of Concepts (POCs) for business-critical APIs and **microservices**, **speeding up the insurance claims process by 30%** and improving customer satisfaction.
- Led the development of a full stack Expense reporting App, using **MERN (MongoDB, Express, ReactJS, NodeJS) stack**, integrated JWT authorization, data visualization, and deployed on **Docker** container.
- Developed policy data mapping microservice on **AWS Lambda**, using **Spring** and **Apache Camel**, which helps legal teams manage over **$5 billion of insurance capital**.

Software Engineer 3 (Intern), WALMART   05/2022 – 08/2022

- Developed a "Keyword Simulation" microservice using **Java**, **enhancing product filtering performance by 40% across 70 million products**, and improving search accuracy through algorithm optimization.
- Developed a **REST API** from ground up using **Java Spring Framework**, returning results with upwards of 80% accuracy.
- Refined **backend SQL query performance**, reducing data redundancy and increasing system throughput, ensuring efficient data retrieval for product catalog services.
- Integrated **APIs using Apache Camel** and adjusted backend **Java** services according to API contracts for smooth data flow.
- Implemented comprehensive unit testing and load testing with **TestNG, JUnit, and Postman**, ensuring feature stability, scalability, and reliability for production services.

Information System Engineer, NETAPP   08/2018 – 12/2020

- Built a **Java** based certificate management tool using **Swing UI** and **ReactJS**.
- Developed multiple microservices communicating with enterprise customers on apps using **Oracle SOA with Java and XML**.
- Created **Jenkins** deployment pipelines with integrated testing, **improving deployment speed by 60%** over manual effort.
- Automated custom components using **Python** scripting to meet business requirements, which positively impacted company revenue, minimized outages, and **reduced resolution time by 50%.**

EDUCATION

New York University, Master's, Computer Engineering   01/2021 – 01/2023 | Brooklyn, US
Coursework: Java Programming, Data Structures and Algorithms, Network Security, Machine Learning, Database Systems

SKILLS

Programming Languages : — Java, Python, Javascript, MySQL, HTML, XML, **Frameworks :** — Spring, SpringBoot, Django, Rest API, ReactJS, Express, NodeJS, **Platforms :** — Docker, Apache Tomcat, Apache Kafka, Artemis, Linux, Windows, **Tools :** — Git, Snowflake, PostMan, Jenkins, Splunk, Kubernetes, **Cloud Technologies :** — AWS, Microsoft Azure Cloud, Oracle Cloud

PROJECTS

Azure Database Template
Created **MySQL** and **NoSQL** database server template on **Azure cloud** which was used by students for final project implementation. Database featured load-balancing/high availability, alert monitoring, resource stats and self-healing features.

Notes APP
Developed a full-stack note-taking app using **ReactJS and NodeJS**, integrated with **MongoDB Atlas** for real-time data storage and API interaction via **Prisma ORM**, delivering a scalable and secure cloud-based solution.