

Samsher Sudhir Gadkary

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SUMMARY

I am a driven computer science master's student with 4 years of software development experience, specializing in architecting and developing scalable, reliable, and maintainable systems. Proficient in Java, Spring Boot, Microservices, REST API, SQL, and Azure CI/CD. Alongside my technical skills, I possess strong collaboration and communication skills. Currently, I am actively seeking full-time Software Engineer roles where I can leverage my expertise to contribute to innovation.

TECHNICAL SKILLS

Languages: Java, Python, SQL, C, HTML, CSS, JavaScript, React

Software and OS: IntelliJ, Visual Studio Code, Git, Maven, Linux, Spring Security, Junit, Hibernate, Microsoft Azure CI/CD

Additional: REST API, SOAP API, Oracle DB, MongoDB, Docker, Kubernetes, AWS, Microservice Architecture, Spring Boot, OAuth2, Multithreading, Redis, Object Oriented Programming, Agile Methodology, React Hooks

Certifications: AWS Cloud Technical Essentials, React Basics, Advanced React

PROFESSIONAL EXPERIENCE

Software Development Engineer, Jio Platforms Limited

July 2020 – July 2022

- Engineered and developed REST APIs in Java and Spring Boot within a microservices framework, aligning with business needs.
- Reduced production bugs by 60% by implementing JUnit test cases and contract-based tests, ensuring robust code quality.
- Spearheaded the creation of build and release pipelines on Microsoft Azure, automating microservices' build and deployment processes, eliminating manual efforts and expediting feature deployment.
- Successfully executed the migration from monolithic to microservices architecture, accelerating releases and enhanced scalability.
- Implemented server-level automation scripts using shell scripts for efficient deployment of JAR files.
- Utilized Java, Spring Boot, Microservices, REST API, SOAP API, Git, Microsoft Azure, SQL, and Oracle DB tech stack.

Java Developer, Jio Platforms Limited

July 2019 – July 2020

- Spearheaded a 4-member team, to develop and implement the O2A (Order to Activate) journey for Jio business bundled product.
- Created user-friendly interface using Angular Framework for small medium businesses offering customer plan options.
- Implemented customer data validation to ensure accurate and reliable information during the purchase process.
- Automated invoice generation with diverse templates, providing customers with easy access to downloadable invoices.
- Introduced a notification system to update customers on successful order placement, offering activation links in alignment with Microservice Architecture.

Software Engineer Trainee, Jio Platforms Limited

July 2018 – July 2019

- Developed and implemented a user-friendly payment system for customers to conveniently pay bills.
- Developed features for accessing statement history, payment history, and unpaid invoices, enhancing financial management.
- Enabled download statement history and payment records in CSV format, easing data access and analysis with date filters.
- Integrated various payment gateways, like Paytm, to facilitate secure and seamless transactions for customers.
- Leveraged Java, Spring Boot, Microservice Architecture, Angular, Oracle, JPA, HTML, and CSS to construct an efficient system.

ACADEMIC PROJECTS

NYC Accidents Data Analysis

- Used Motor Vehicle Collisions crashes dataset of New York City, to analyze the collision/crash data using Python, MongoDB, MongoDB compass and Visual Studio
- Discovered trends and insights into accident prone areas, Time and date of occurrence, contributing factors and types of vehicles involved, to suggest appropriate safety measures.

Web Scraper

- Created a web scraper to automatically navigate the news website to gather headlines and their URL's.
- Designed code for effortless adaptation, allowing seamless navigation of any website while efficiently collecting relevant data.
- Utilized technologies such as JavaScript, Node.js, Visual Studio Code to navigate through HTML structure of web pages.

OPEN-SOURCE CONTRIBUTION

- Updated the code for determining the path of stack root i.e. `STACK_ROOT` environment variable and wrote test for checking the stack root output for Haskell project to make it simpler and more robust. [Pull Request](#)
- Fixed UI issue on TEAMMATES project and made it more robust using Bootstrap. [Pull Request](#)

EDUCATION

Master of Science in Computer Science, Binghamton University, State University of New York (GPA 3.84/4) Aug 2022 – May 2024
Relevant Coursework: Design and Analysis of Algorithms, Database Systems, Design Patterns, Intro to Cloud Computing

Bachelor of Engineering in Computer Engineering, Mumbai University (GPA 6.96/10) June 2014 – May 2018
Relevant Coursework: Object Oriented Programming, Data Structures, Distributed Databases, Computer Networks