

Rahul Tevatia

rtevatia4@hotmail.com | 682-283-6675 | Lewisville, Texas | [linkedin.com/in/rahul-tevatia-93660530/](https://www.linkedin.com/in/rahul-tevatia-93660530/) | <https://rtevatia4.github.io/>

Experience

Charles Schwab

Software Developer II (Software Engineering)

Westlake, Texas | Jun 2021 – Present

- Contributed significantly to a high-impact modernization and transition project.
 - Proficiently designed and developed distributed orchestration application, **successfully migrating over 10 million** brokerage accounts, to ensure enhanced scalability, resilience, and seamless user experience.
 - Successfully implemented and enhanced real-time streaming service that leveraged **Kafka's distributed** streaming framework, demonstrated the ability to engineer scalable, efficient, and reliable systems for seamless data exchange.
- Contributing to Full Stack development of distributed applications, for continuous **processing of around 60% of upstream trades**.
 - Leading the designing and development of **RESTful** services and recovery/reprocessing applications, for analyzing and processing transaction events.
 - Focusing on achieving faster response time and seamless trade execution, also ensuring system resilience and fault tolerance.
 - Using range of frameworks and technologies including **.NET Core, MVC, C#, Angular, and Python**, demonstrating skills in modern web technologies and programming languages.
 - Proactively monitor and optimize CI/CD pipelines, identifying and resolving performance bottlenecks and incorporating code quality analysis tools (e.g., SonarQube) to enforce high code standards and improve maintainability.
- Collaboration and **Cloud-Native Development**.
 - Proactively working with the team on brainstorming and code reviews, unit, integration, and regression testing, ensuring high-quality software deliverables, and providing production support and maintenance, displaying a commitment to product quality.
 - Taking initiative in architecting and migrating applications from an **in-house cloud infrastructure to public cloud environment (GCP)**, while actively learning and embracing modern technologies and **microservices architecture** to contribute to scalable and resilient solutions within contemporary cloud environments.

Software Development & Engineering Intern

Westlake, Texas | Jun 2020 - Aug 2020

- Developed core application REST APIs, expertly fetching data from diverse data stores like Aerospike (NoSQL), Splunk, and DB2, demonstrating proficiency in data integration.
- Collaborated in the implementation of Angular UI components, seamlessly working with backend data providers to create a user-friendly experience.

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Software Engineer

Manama, Bahrain | Sep 2017 - Jul 2019

- Spearheaded the development of insightful applications, significantly **reducing manual overhead (by 60%)** for operations and customer experience teams, showcasing problem-solving and analytical skills.
- Built and integrated various applications to automate many financial operations related to exchange rates, getting prices from Bloomberg, trading cycle, performing trade validation, and placing trades to broker.

Education

- Master of Science**, Computer Science | **University of Texas at Arlington**, Texas, USA 2019 - 2021 | GPA: 3.9
- Bachelor of Technology**, Computer Science & Engineering | AKTU, India 2010 - 2014 | GPA: 3.5

Technical Skills

Programming and Technologies: C#, Python, Angular, TypeScript, HTML5, CSS3, .NET core, Kafka, REST API, Cloud Computing.

Tools and Concepts: MySQL, NoSQL (Aerospike, MongoDB), Redis Cache, Splunk, Confluence, JIRA, Git (Bitbucket, Github), Bamboo, Harness CI/CD, SonarQube, JSON, REST, Pivotal Cloud Foundry, AWS EBS, Object Oriented Programming, Agile, MVC.

Personal Projects

Built Restful API service on Amazon web service (Python, Flask, SQL, AWS EBS, EC2, RDS, Redis caching)

NLP - Sentiment analysis of phrases/reviews (Machine learning, Naive Bayes, SVM, and kNN)

- Built and implemented a machine learning project to analyze the movie reviews data set and create a model that will learn to tell whether the review is positive, negative, or neutral.

miABC - Developed an educational Mobile app for Hispanic children help them in learning English (**React Native**, node.js, **Firebase**)

OmniSearchAPP - (**Python, Pandas, Matplotlib, Tkinter, and SQL** Server Management Studio)

- Built the Transaction lookup tool to fetch user details and provides transaction summary with data visualization.

Certifications

- MTA 98-361** Software Development Fundamentals C# certifications.
- Professional Scrum Developer I** (PSD I) certification.