

Dear Hiring Manager:

I am writing to express my keen interest in the Software Developer position at your company. Having long admired your company for its consistent success and innovation, I'm particularly impressed by the company's dedication to developing and successfully delivering high-quality software projects while ensuring the long-term scalability of technical systems. My own professional goals strongly align with this commitment to manage the entire software development lifecycle from conceptualization to deployment, and I believe my skills and experience would make me a valuable asset to your team.

Throughout my software development career, I've consistently demonstrated a high level of proficiency in the following areas:

1. **Technical Expertise:** I possess a strong command of various programming languages and technologies. My ability to leverage these tools enables me to develop efficient, scalable, and maintainable software solutions.
2. **Agile Development:** I have experience in implementing agile methodologies throughout the software development lifecycle, from requirement gathering and user story creation to sprint planning, development, testing, and deployment.
3. **Problem-Solving and Innovation:** I thrive in challenging environments and possess a strong aptitude for tackling complex problems with technological solutions. My ability to think critically and adapt to new technologies allows me to contribute innovative ideas to projects.
4. **Team Collaboration:** I am a highly collaborative individual with excellent communication skills. I excel at working effectively within cross-functional teams, fostering a positive and productive working environment.
5. **Project Management:** I have a proven track record of successfully managing software development projects from conception to completion. This includes adhering to strict deadlines, budgets, and quality standards.

As a technically advanced software developer, I am confident that I can significantly contribute to the success of your company. My attached CV provides a more detailed overview of my qualifications and experience. I am eager to learn more about this exciting opportunity and discuss how my skills can benefit your team. Thank you for your time and consideration. Please feel free to contact me at your earliest convenience to schedule an interview.

Sincerely,

Rizvi Syed

Enclosure: Curriculum Vitae

RIZVI SYED

Full-Stack Software Development | IT Project Management

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KEY AREAS OF EXPERTISE | TECHNICAL PROFICIENCIES

Software Development Lifecycle (SDLC) | Code Performance Optimization | Data Visualization | Agile Methodologies | Software Coding & Testing Frameworks | Object-Oriented Programming (OOP) | Project Planning & Management | Quality Assurance & Improvement | Website Design & Development | Software Architecture & Security | Continuous Integration & Deployment | Java (Core Java, Spark, Spring Boot, Low Latency Architecture) | Python 3 | RDBMS | Linux OS | C++ | C | PHP, React JS, Angular 7

WORK EXPERIENCE

DEPUTY MANAGER (SOFTWARE DEVELOPER) | Olam Group (Olam Financial Services) – Singapore | Nov 2022 – Present

- **Design and integrate Dash and P&L engines using Bloomberg API and Hibernate** for efficient data storage and retrieval.
- **Create a cutting-edge, multi-threaded application** to optimize the handling of massive historical datasets from Bloomberg.
- **Oversee the development of an innovative order blotter using Dash that integrated with RabbitMQ** for rapid message delivery to the Order Management System (OMS), supporting real-time ticker updates and automated order executions.
- **Establish LLM vector store indexes using LLAMA for ensuring the retrieval of documents** and improving runtime performance; select optimal engines for financial document types to interface with ChatGPT API and enhance data processing efficiency.
- **Develop real-time chat user interfaces using Streamlit connected to FASTAPI backend** for improving query handling efficiency; implement NLP techniques for query engine and vector indexes creation to elevate the processing of human speech.

KEY ACHIEVEMENTS:

- **Improved real-time data processing/display in MS Latency on the dashboard** by integrating GRPC communication with FASTAPI; optimized Streamlit's connection to FASTAPI via WebSocket to facilitate real-time data delivery in user-preferred formats.
- **Spearheaded the transformation of tick data to minute-level OHLC bars using Python** across various financial products, leveraging pandas for aggregation and resampling, and generating bespoke fields for Algorithmic trading objectives.
- **Pioneered the implementation of a versatile system for electronically managing trading algorithms such as TWAP and VWAP**, while remaining flexible for future algorithmic developments, using Java and Apache Ignite.
- **Championed the creation of a dynamic P&L crunching system**, configuring real-time market data and establishing a robust backend infrastructure integrated with Kafka for efficient data transmission to continuously capture updates.

OFFICER (SOFTWARE DEVELOPER) / TECH ANALYST | Citicorp Services India Private Limited (CSIPL) – Pune | Aug 2019 – Oct 2022

- **Launched a MicroService FIX Chronicle Engine supporting multiple FIX versions**, prioritizing the resilience to prevent business losses; elevated code performance, reduced latency, and converted code base for session loading/sequence resets.
- **Supervised the end-to-end Net Money Message (NMM) Functionality Development** by creating the business logic and software codes while developing a rapid deployment strategy to improve the production functionality and track clients' expenditures.

KEY ACHIEVEMENTS:

- **Promoted technological innovation** by leading a 10-member team in **migrating the One Connect framework, deploying the BETA node for Ambrosia upgrade, performing QA/UAT testing**, and facilitating message conveyance for clients and market makers.
- **Completed a range of Big Data projects by improving Hive integration with S3** and enhancing security via Key Distribution Center (KDC) implementation for projects.
- **Garnered several high appreciations for empowering team members** to work independently and contributing significantly to the projects by strategically leading/mentoring a team of six juniors within a few months to elevate team performance.
- **Created a lightweight Angular framework enabling automatic HTML code generation from JSON inputs**, empowering users to design websites without manual coding to eliminate redundancy in software development processes.
- **Sustained millions in cash flow for the business unit** by optimizing GTC/GTD (Good Till Cancelled/Good Till Date) functionality for downstream markets via Cucumber test cases; **implemented an ITRS to address reported bugs and align with the DFD**.

ADDITIONAL EXPERIENCE

INTERNSHIP | Wipro, Bangalore, India | Jun 2018 – Aug 2018

NETWORKING INTERNSHIP | OHI-International Information Technology CO.LLC, (IITC), Muscat, Oman | Jun 2016 – Aug 2016

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering – May 2019

Motilal Nehru National Institute of Technology, Allahabad, India