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# Senior Software Engineer For Client Project Resume Example

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Senior Software Engineer For Client Project

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Jessica Claire

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📞 (555) 432-1000 ✉️ resumesample@example.com

PROFESSIONAL SUMMARY

- Seasoned Software Engineer with 13+ years of experience working in the hedge fund industry on development of robust and reliable, large-scale, enterprise applications. Focus in the areas of Pricing and Analytics.
- Strong engineering skills in Java and .Net Core, with emphasis on Multithreading, Patterns, Data Structures and Algorithms.
- Experience with Agile Methodologies, Scrum, DevOps and SDLC.
- Result oriented team leader valued for driving quality and consistency throughout phases of software development projects.
- Excellent communication, interpersonal and analytical skills with recognition as a team player.
- Strong problem solving skills, analytical abilities, logical thinking, and quick learner.

SKILLS

- Core Java, Java EE
- .NET Core, C#, Entity Framework, Signal R
- SQL Server, Sybase
- Microservice Architecture, Restful Web Services, Standalone services, Web Sockets, Multithreading
- Spring, Spring Batch
- GIT, CVS
- VS Team Service, Azure, Teamcity, Tidal, Rundeck, Splunk
- Jira

WORK HISTORY

**SENIOR SOFTWARE ENGINEER FOR CLIENT PROJECT**01/2019 to 01/2020

**Accordia Group LLC | City, STATE**

*Technology Stack: .NET Core, C#, Entity Framework Core, SQL Server, WebSockets, Async programming, Microservice architecture, Git, Azure*

- Lead developer in the implementation of a portfolio-level reporting tool featuring P&L calculations across a variety of products. Spec'ed and implemented support for Fixed Income products from security definition to order capture and cost of carry calculations that covered different types of bonds and repos.
- Added support for long-term, outside investments to illiquid products like hedge fund partnerships, private placements and real estate. Implemented P&L calculations for illiquid products and integrated them with existing calculations for liquid products like equity bonds and futures typically traded in a hedge fund.

- Studied and analyzed existing models for capturing liquid and illiquid investments wrote a detailed spec and project timeline for unifying the two models into a single thereby removing duplication and simplifying the existing code for improved readability easier code maintenance and enhancement in the future.
- Implemented a real time pricing service that subscribed to ICE Data Service using Protocol and handled multiple client requests in an asynchronous and fast performance manner.

#### LEAD DEVELOPER / TEAM LEAD FOR THE HIRING PLATFORM

09/2017 to

Accordia Group, LLC | City, STATE

*Technologies: .NET Core, C#, Entity Framework Core, SQL Server, Signal R*

- Led the design and implementation of PathLEAP, a web-based employment platform mission to help candidates and employers connect in new and innovative ways. Worked directly with the stakeholders to help them clarify and shape their ideas into a workable design that could be presented to the development team. Implemented the back end application, while managing and directing the team of the UI developers engaged in the project. The application was built in .NET with a JavaScript / Angular UI.

#### CONSULTANT IN A MAJOR HEDGE FUND

01/2007 to

Consulting Agency, Accordia Group LLC | City, STATE

*Technologies: Java EE, Multithreading, Spring, Spring Batch, Sybase, JBoss, Tomcat, Groovy, Grails, Delphi, Google Guice...*

- **Team manager.** Managed team of developers overseas on a daily basis. Was in charge of working with clients on gathering requirements, specification, working with developers on architectural design, daily team duties, code reviews, deployment, support, hiring, and reviews etc
- **Position Handling, P&L Generation - real time and end of day, Carry, FX Exposure**  
Part of the team that developed distributed software system responsible for performing centralized P&L calculations with the ability to handle multiple simultaneous requests at the same time providing a fast performing system. Developed various RESTful web services in memory caches of trades and orders, libraries, multiple batch jobs for storing EOD prices and prices for reporting and risk purposes, reconciliation and monitoring tools. Developed hundreds of P&L, carry, FX Exposure and other calculations
- **EOD Pricing, Snapping and Verification.** Set up batch pricing infrastructure using Spring batch. Developed intra-day price service that pulled data from One Tick, a database, minute, realtime snapshots and was used to generate P&L data between any two points in time. Developed a server for rolling prices forward at EOD and well on JN notifications of manual price updates and open positions. Also developed and managed the back-end of a price verification tool that compared EOD prices to prices pulled from external sources like Reuters and Bloomberg
- **Trader Performance.** Developed a performance service that generated and distributed trader performance including whole cycle of managing trader performance from end of day update, calculations of MTD and YTD performance to EOD reporting. Built an in-memory cache for time series of performance data for faster client retrieval
- **Treasury and Cash Management.** Built a three-tier Java application that generated and delivered treasury data. This application was used to manage flow of margin between individual funds and their various brokers. It supported company wide cash management including the whole workflow from wire generation through authorization and transfer to the bank, bank account and line code management and support, as well as cash generation and exception-reporting
- **Reconciliation and Monitoring tools.** Built a framework for monitoring P&L discrepancies between various end points in order to detect latency or other problems in the flow of trades and prices between different components of a complex trading system. Also developed a regression framework that allowed comparisons between different data sources, like excel files, databases, Java-based server results, and OLAP cube results
- **Reporting tools.** Generated rich set of EOD and intraday Middle Office reports based on Grails and Groovy for P&L and trader performance

EDUCATION



**Master of Science** | Electronics, Computer science  
**University of Nis, Nis, Serbia**