**Pavan Kaparthi**

**Senior Product Software Engineer |**  [**pavankumarkaparthi@gmail.com**](mailto:%20pavankumarkaparthi@gmail.com|) **| Ph: +1508-961-8747**

**SUMMARY:**

* Over 4+ years of experience in **JAVA and C#** projects in software analysis, design, implementation and development.
* Over 2+ years of experience in the **Financial Sector in the FX team.**
* Expertise in Core Java Object Oriented concepts like **Multithreading, Exception Handling, Collections**.
* Experience in Object Oriented Analysis in developing server side using **design patterns**.
* Hands-on experience in development of **Microservices with Spring Boot.**
* Experience in designing User Interface (UI) applications and professional windows applications using **C#** **.Net WPF using third party library DevExpress, XAML, JSON**.
* Managing and configuring systems such as **SVN, Git.**
* Diverse experience utilizing tools in N-tier architecture applications using **Kafka, ActiveMQ, Cassandra, CouchBase, My SQL, WebSocket, REST.**
* Experience in writing complex unit test cases using **Mockito** and **Junit.**
* Strong experience in Design and development of multi-tier applications.
* Extensively worked on Build and deployment scripts using **Maven**, **Unix** **Shell** scripts.
* Experience in some of the continuous integration and continuous deployment such as **Jenkins.**

**EDUCATION:**

* Master’s in computers and Information Sciencesat **University of Massachusetts Dartmouth 2017**
* Bachelors (B. Tech) in Computer Science and Engineering at **Jawaharlal Nehru Technological University 2015**

**PROFESSIONAL EXPERIENCE:**

**Senior Product Software Engineer**

**UptoDate, Wolters Kluwer Health, Waltham, MA Jul’19 to Till Date**

* Creating new functionalities and enhancing existing functionalities using **JAVA Spring framework.**
* Showed enthusiasm in working on some UI **Angular** changes.
* Worked on **Couchbase** writing cbq queries to modify and retrieve existing json documents.
* Writing complex **SQL and NoSQL** queries to update, retrieve data among millions of records.
* Examined operational activities and tech debt scenarios that would benefit from new ideas or automation to reduce toil that results in inefficiency and errors.
* Worked on building new **microservices** with **Spring Boot** Framework and enhancing existing **microservices**.
* Focused on writing clean and testable code using design patterns.
* Triage, troubleshoot, quantify, and resolve Level 3 incidents. Worked with the Customer Support, Development, Project Management, and Product Management organizations to address Level 3 incidents as they align with projects, releases, patches, and other efforts.
* Recognize patterns of Level 3 incidents and potential root causes, and advocate for investigation and/or holistic fixes.
* Worked with the developers, testers, and other team members to gain a comprehensive understanding of new and existing products and features.

**Environment:** Java, Spring Boot, REST, SQL, Maven, Microservices, Couchbase, Angular.

**Senior Associate Application Developer**

**State Street Bank and Trust, Boston, MA Jun’17 to Jul’19**

*Working with Global Markets, Foreign Exchange team to build windows application with Java 8 backend and C# .NET UI*

* Involved in Analysis, Design, and Development Production phases of highly used financial application.
* Understanding complex foreign exchange business process flows and calculations and translate the business needs into functional tools and application.
* Involved in the development using **Java Technologies, C# .NET and Web Services.**
* Functionalities include writing code in **Java, SQL Database** as the backend.
* Developed responsive windows application using **.NET WPF MVVM with DevExpress.**
* Implemented Web Services using **WebSocket.**
* Integrated **Apache Kafka** for data ingestion.
* Building out integration code between user interface and server-side code that promotes integration with other subsystems.
* Worked on **Log4J** to validatefunctionalitiesand **Junit** with **Mockito** for unit testing.
* Worked with tools like **Jenkins** to make continuous deployment.

**Environment:** Java, .NET WPF MVVM, WebSocket, SQL, Maven, Kafka, Cassandra.

**Software Engineer Intern**

**Infosys, Mysore, India Jan’15 to Aug ’15**

• Participated in the complete software development lifecycle tasks (design, coding, testing and documentation).

• Responsible for preparing the use cases and for designing and developing object models, class diagrams with UML Specifications.

• Designed and Developed a simple Know your client tool using **Java.**

• Carried out Unit Testing and solved issues by fixing bugs.

**Environment:** Java, Oracle