**XXX XXX**

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**SUMMARY**

* Back-end developer with 6+years of professional experience, mainly in financial system build and visualization build.
* 6 years in beck-end service design and development using **Spring Boot**, **Spring Security**, **Spring MVC, AWS, Micro services, Maven, Spring Cloud, and DevOps** knowledge.
* Software developer in software design and development of **Java**/**J2EE**, focusing on **Object**-**Oriented Programming** application design, implementation, and testing.
* Strong knowledge and development skills in Core **Java** technology, such as **Multi**-**Threading**, **Polymorphism**, Collections Framework, Exception Handling, **JDBC**.
* Experience in developing Server-side development on large-scale projects by using Spring Framework, included **Spring Boot**, **Spring IOC**, **Spring AOP**, **Spring MVC**, and **Hibernate O**/**R** to develop **RESTful web services**.
* Experience in developing front end by using **HTML**, **CSS**, **JavaScript**, and **JSP**.
* Familiar with **Java Design Patterns**, like Singleton, Factory, or Observer.
* Familiar with JDBC for CRUD operations in Relational Database Management System (**RMDBS**) by using Oracle 11g database, **MySQL**; and experience in **No-SQL**, like **MongoDB**.
* Experience with **JUnit**, and **Mockito** for the purpose of testing Java applications.
* Acting as a Team player with a very positive attitude and strong ability to learn new technologies in a fast pace environment.

**SKILL**

Program Languages: Java, Python, C, C++, C#,

Framework: Spring Boot, SSH, SSM, Spring MVC.

Database: MYSQL, Oracle

Technologies: Micro Services

Front end: React, Angular,HTML5, JavaScript, CSS, JSP, jQuery, ajax, Easy UI.

Tools: Eclipse, IntelliJ, SVN, Maven, JDK, Power Designer, Free Marker, H Builder, Sklearn, numpy, matplotlib.pyplot, pandas, seaborn.

**PROFESSIONAL EXPERIENCE**

**Pansoft New York, New York**

**Oilfield Management and Financial System**

*Software Developer* *Oct2019 - Current*

* Data collection: daily data storage, data verification and other advanced functions can ensure the accurate storage of daily data is accurately stored in the database by using the **RMDBS** database like **MySQL** and **Spring Data**.
* By using **Spring Boot**, **Spring IOC**, **Spring AOP**, **Spring MVC**, and **Hibernate O**/**R** to develop **Restful web services.** Used **Java** basic knowledge and **Maven**. Also, took part in the front end develop like **HTML** and **React**.
* Data query: it has the function of multi form and multi angle analysis of data in the database, which can vividly display the characteristics of data and various production indicators reflected, so as to provide data analysis support for the effective operation of the oilfield system. Build the server by using **Micro service**, and **AWS**.
* Report summary: it can generate reports of oil production plant, head office and other levels to facilitate data analysis and improve work efficiency.
* Build and complete a complete set of decision-making platform for information benefit allocation by developing the relative websites. Build a set of decision-making platform of benefit allocation, which connects production, operation, ground, finance and other fields, and takes into account short-term benefits and long-term development by using the **Spring Boot**, so as to provide support for making scientific and reasonable development decisions.
* Through the research on the current situation and influencing factors of SEC’s remaining economically recoverable reserves, combined with the cash flow method, the sensitivity analysis of initial production, decline rate and various economic parameters to SEC's remaining economically recoverable reserves in the evaluation period is realized, and move the data from the front-end to the back-end by using **RESTful API** and Java8 new featureslike **Lambda Expressions**, default, static methods and **functional interfaces**.
* Research on single oil well stage production prediction method based on **big data machine learning**. Integrates and cleans the historical development and production data of oil wells, uses big data machine learning method to find out the change trend of development rules, establishes a single well natural production prediction model, and realizes the stage natural production prediction under the condition of non manual intervention.
* Test code by using **JUnits** and **Mockito**.

**ChainDD New York, New York**

**ChainDD Official Website**

*Software Developer* *Aug 2017 – Oct2019*

* Designed website build by **java**, **Spring Boot** and **Maven**.
* Developed the login, registration, and manager system.
* Designed website homepage, new flash page, DD Blog page, CHIANSIGHTS page, portfolio page, and ChainDDX wallet page by using **React, JavaScript, and** **HTML.**
* Main page, show the pictures of the most important activities of the company, and list the most important events of the company recently. This will be able to show the company's dynamic, improve website traffic, improve user attraction. Transfer the data from front-end to back-end by using **RESTful API** and **J2EE** .
* At News Flash page, users can like(Bull) or unlike(Bear) any news, or share the news with friends by Twitter or Facebook. Users can share this information at any time, but also publish their own information, just like the forum, and test this functions by using **JUnits** and **Mockito**.
* At Market page, show the DDCI (ChainDD Cryptocurrency Index) data, and other major Cryptocurrency like BTC, XRP, ETH, USDT, etc. The data is presented in the form of line charts and tables, just like the stock market screen. For example, you can quickly see the price of bitcoin today. Store these data in **No-SQL** database: **MongoDB**.
* Designed the blog page, users can become an author or submit an article.If there is research on virtual currency and block-chain technology, users can upload their own professional articles at any time with pictures.
* Developed Spring Boot application with **micro services** and deployed in **AWS** using **EC2** instances.
* Wrote QR code and certification code system. Designed apps for iOS.
* Through professional website design, enhance the company's image. It has attracted more customers to cooperate.

**Hexaware New York, New York**

**Explore Influencing Factors Of Real Estate Price & Forecast Trend**  *Software Developer Feb 2015 – July 2017*

* Used the **Spring Boot** framework, **Maven**, and **Java** basic knowledge to build the website.
* Data processing. Collected data on real estate prices in different regions. Organized the useful data. Collect historical property prices in Manhattan through authoritative data sources.
* Data analysis. Used the Multiple Linear Regression and Prophet Model to analyze the data and get the prediction. Forecast the trend of house prices, including analysis and the overall forecast of New York housing market in the next five years.
* Trained and tested the data. Removed the irrelevant features. Using big data machine learning method to find out the trend of real estate price. To provide support for future scientific planning.
* Generated the visualized map to show the predictions.Users can directly query the real estate prices and rental prices of a certain area, as well as the trend of these prices in the future.
* Display our research data on our website. It includes taking out the real estate market data from the background and displaying the information to different pages by using the **HTML5** AND **React**
* It has a visual interface with Google maps.

**EDUCATION**

**New YorkXXXX New York City, NY** *Master’s Degree in Computer Science* (GPA 3.5/4.00)  *-2021/12*

***Courses***: Database Systems, Software Engineering, Theoretical Concepts in Computers and Computation

*2015/1-2017/1 Company A L visa*

*2017/1-2019/1 Company B L visa*

*2019/1-2022/1 Company C 2021/6 CPT - 2021/12-OPT New York – NJ*

*Address history*