**Jiang Bin**

**377 Pastern Trl**

**Waterloo, ON N2K 4K7**

**Canada**

**Links :**

**https://github.com/ungkaku23**

**https://angel.co/u/jiang-bin-2**

**https://neverland23216.vercel.app/**

**Email – jhmun23216@gmail.com**

**Phone: +1 303 800 8634**

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**Professional Summary:**

* Having 10+ years competitive work experience in Software Design, Development and Implementation of Enterprise applications using Javascript/Typescript/Python/PHP technologies with strong Object-Oriented Programming skills.
* Strong experience in various technologies, frameworks like Node.js-Express/Koa, Python-Django/Flask/FastAPI, PHP-Larvel
* Extensive knowledge in using jQuery and JSON.
* Understanding and implementation of Front-End technologies like HTML5, and CSS, Angular, React, Vue, Svelte
* Experience with Test Driven Development (TDD).
* Built Node/Python/PHP microservices for the delivery of software products across the enterprise.
* Strong proficiency in supporting Production Cloud environments (AWS) as well as traditional managed hosted environments.
* Implemented REST webservices using express.
* Providing service discovery for all Microservices using Spring Cloud Kubernetes project.
* Expert in developing core Java concepts such as Collections, Multithreading, Serialization, Exception handling etc.
* Good experience in publishing and consuming Secured Web Services over SSL.
* Strong NoSQL database experience with MongoDB & Cassandra.
* Hands-on experience in Unit Testing, Integration Testing and Regression Testing and testing API such as Junit and Mockito.
* Experience in working with version control systems like Subversion, Clear Case, Perforce, GIT and used source code management tools like Tortoise SVN, GitHub and Bit Bucket.
* Proficient in using RDBMS concepts with Oracle, DB2, MySQL and SQL Server.
* Strong experience on UNIX and Linux platforms.
* Excellent skills in problem solving, collaboration, communication and a great team player.

**TECHNICAL SKILLS:**

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| **Programming Languages**  | C, C++, Javascript, Typescript, Python, PHP, HTML5 |
| **Frameworks** | Angular, React, Vue, Svelte, Ember, Node.js-Express/Koa, Python - Django/Flask/FastAPI, PHP-Laravel |
| **Web Services** | XML, SOAP, Restful , Microservices.  |
| **IDE’s** | Visual Studio, Visual Studio Code, Atom |
| **Web Additional Technologies** | CSS, CSS 3, Tailwind CSS, Bootstrap, Twitter Bootstrap, jQuery, Redux (Saga, Thunk, Toolkit), Vuex, NgRx, Material UI, Vuetify. |
| **Data Science** | Data Mining, Web Scraping (Javascript-puppeter, python-selenium/bs/request), Data Scraping |
| **Operating Systems** | Windows 2000/XP/7/8/10, UBUNTU, MAC |
| **Databases** | MySQL, MongoDB, DynamoDB, PostgreSQL, AWS RDS, SQlite, GraphQL, Snowflake, Azure DB. |
| **Web Servers** | Web Sphere 5.1/6.0, Apache Tomcat 4.1/5.1, IBM HTTP Server, and IIS |
| **Methodologies** | Unified Modeling Language (UML), Rational Unified Process (RUP) and Agile. |
| **Cloud Services** | Amazon Web Services (AWS), Azure, OpenStack, Pivotal Cloud Foundry (PCF), Google Cloud Platform (GCP). |
| **Versioning** | Github, Gitlab, SVN, Bitbucket |
| **Deployment** | Heroku, Netlify, Vercel, Digital Ocean, AWS, CI/CD Pipeline, Git Action |

**Highlight History:**

**Client: Paul G. Thompson (Product Owner)**

**Team Name: HelloScribe AI**

**Site: https://www.helloscribe.ai/**

**Location: Greater Tampa Bay Area, West-Central Florida, US**

**Role: Sr. Software Engineer & Tech Advisor Nov 2016 – Feb 2018**

**Responsibilities**:

* Using Vue.js as frontend framework and Vuex architecture to create data layers for unidirectional data flow.
* Vue Router to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with the server.
* Integrate the Python Backend Restul API service to handle requests sent from the front-end axios calls.
* Worked on server-side enhancement using Python-Django.
* Prepared the JUnit test cases, Integration scenarios to test the implementation.
* Experience in dealing with CI/CD tools like Jenkins, Git Action
* Deployed the Vue application developed in the Digital Ocean.
* Manage various Ubuntu environment for provisioning of Linux servers and services implemented by the providers.

**Environment:**Vue.js, Javascript, Vuex, Vuetify, Html5 , CSS3, Material UI, Axios, Python, Django, Rest API, PostgresSQL, MySQL, CI/CD

**Client: Pratik Bansal (Product Owner)**

**Team Name: AltConsole**

**Site: https://altconsole.com/**

**Location: Sunnyvale, California, US**

**Role: Front-End Tech Lead May 2019 - Oct 2020**

**Responsibilities:**

* Using React.js/Next as frontend framework and Redux architecture to create PWA.
* React Router to create a web app which can bind data to specific views and synchronize data with the server.
* Integrate the PHP-Laravel Backend Restul API service to handle requests sent from the front-end axios calls.
* Prepared the JUnit test cases, Integration scenarios to test the implementation.
* Experience in dealing with CI/CD tools like Jenkins, Git Action
* Deployed the React application developed in the AWS.
* Manage various Ubuntu environment for provisioning of Linux servers and services implemented by the providers.
* Wrote complex SQL queries using joins, sub queries and correlated sub queries to retrieve data from the database
* Develop stored procedures and views MySQL

**Environment:**React.js, Next framework, Typescript, Redux, Html5 , CSS3, Material UI, Axios, PHP, Laravel Framework, Rest API, MySQL, CI/CD

**Client: B. Gopinath (Doctor & CEO & Product Owner)**

**Team Name: Lotus Interworks Inc**

**Site: https://lotusinterworks.com/**

**Location: Los Angeles, California, US**

**Role: Sr. Full-Stack Engineer June 2020 - Sep 2022**

**Responsibilities:**

* Using Angular 2+ as frontend framework and NgRx/Rxjs architecture to create Mirco Web App.
* Designed and implemented application using Node.js MVC, Develop controllers, views, models, view models and services.
* Developed microservice components using Express framework
* Developed API for using AWS to manage the servers and run the code in the Mongo DB.
* Developed REST endpoints using Express framework
* Consumed REST Web Services to communicate with third-party information provider
* Created microservices for business cases and tested request/response with Postman.
* Implemented application layer security using Security
* Installed the application on AWS EC2 instances and configured the storage on S3 buckets.
* Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
* Responsible for mapping the database model into persistence objects using Hibernate Annotations
* Used Mongoose API in order to access the MongoDB from NodeJS.
* Working on creating the entire product catalog data using MongoDB.
* Used AWS Code Commit and understood the array of options for enabling a continuous integration environment on AWS.
* Integration of Amazon Web Services (AWS) with other applications infrastructure.
* Designed and implemented CRUD operations for data persistence
* Wrote test cases as per test driven development for all layers and rest controllers
* Worked with GitHub for build, commit and CI&CD
* Troubleshoot applications and database performance issues and tune database queries

**Environment:**Node.js, Angular 2+ , NgRx, Rxjs, Express, AWS, AWS Webservices, MySQL, Node Web MVC, JSON, GitHub, REST, Test, NoSQL, MongoDB.