# [IMG_257](https://mypics.zhaopin.cn/pic/2017/07/04/5a37081c-f396-4a8e-a1b8-64a01b71d2e5.jpg)Atonia Shuo Ding

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**Residence Address:** Huangpu District, Guangzhou,China

**Hobbies:**  Playing drums, reading books, singing, studying

**Job title:**  Java Engineer

# Education background

**Education:** Full-time Bachelor's degree

**Graduating Institution:** GUILIN UNIVERSITY OF ELECTRONIC TECHNOLOGY

**Major:** Digital Media Technology (School of Computing)

**Timeline:** 2013.09 - 2017.07

**language Skills:** English Level:CET4 Spoken Language: skilled Cantonese: skilled

# Professional skills

* Familiar with JavaScript programming, Angular JS, VUE JS framework, JQuery framework, generate static web pages.
* Familiar with mobile/API release.Knowledge of cloud containers such as K8S/Docker.Knowledge on deployment with Nginx and cross-domain and mapping handling.
* Familiar with Spring, Spring MVC, Spring Boot, Spring Cloud, J2SE / Servlet,Rest API mainstream framework
* Familiar with Oracle, MySQL, Redis, MongoDB, able to do simple PL/SQL development, understanding of stored procedures.
* Familiar with Shiro, KafKa, EasyPOI, Mockito, FreeMarker, Flowable and other technologies.
* Proficiency in using development tools such as Eclipse, My-eclipse, Idea, SVN, Git, Maven, Zoo Keeper, Confluence,Jira,Jenkins, etc.
* Good oral and written English, with good documentation and task planning/management skills.
* Knowledge on AWS/Alibaba Cloud.

# Work Experience

**2020.09 - now Shenzhen Farben Information Technology Co.(HSBC Service Provider)**

Job title: Java Devops

Job Description:

* work on software coding, development of interfaces, database design, documentation, etc.
* conduct code review for each colleague's code.
* track product requirements, make reasonable suggestions, plan development versions and cycles.
* Build release packages, monitor Splunk logs, observe Appdynamic traffic, set up gateways, container migration, etc.
* monthly production releases and daily X-matter shifts.
* Share development knowledge and learn development tools.

**2019.04 - 2020.07 Symbio (Shenzhen) Information Technology Co. (GTLAND Service Provider)**

Job title: Java Engineer

Job Description:

* mainly work on front and back-end software coding, development of interfaces, database design, SQL statement writing, etc.
* act as development team leader to arrange development plan, requirements assessment, follow up development progress and code review.
* track product requirements, make reasonable suggestions and plan development versions and cycles.
* report the development progress to the leader and make appropriate suggestions.
* Responsible for new employee interview and group care.
* Responsible for data cleaning and conversion and database migration.

**2018.12 - 2019.04 Guangzhou Keyun Intelligent Technology Co.**

Job title: Java Engineer

Job Description:

* worked on software coding, development of interfaces,refactoring of the project,maintenance and management of back-end data.
* participated in the design of the system and the concrete implementation of some functional modules.
* responsible for the daily maintenance of the system and the handling of online problems.

**2018.09 - 2018.11 GuangZhou Block Zero chain Technolgy Co.,Ltd.**

Job title: Java Engineer

Job Description:

* Responsible for building and configuring back-end code development platforms, such as gitlab,nginx.
* Responsible for research and implementation of Spring cloud and blockchain technology.
* Responsible for Rest interface development and design.
* Participate in blockchain knowledge sharing sessions.

**2018.07 - 2018.09 Wuhan BaiJunCheng Technology Co.(AIA Service Provider)**

Job title: Java Engineer

Job Description:

* Responsible for interface development.
* Responsible for the development of Junit test.

**2017.07 - 2017.10 Guangzhou Keyun Big Data Technology Co.**

Job title:Implementation Engineer

Job Description:

* Responsible for supporting developers in data cleansing.
* Installation of Oracle, Hybase,Kettle and other database related software.
* Supervise server status and monitor server logs on duty.
* Responsible for guiding customers to use the software.

# Project experience

**2020/09 - now HSBC Account Opening/Upgrade HK(Farben HSBC)**

Project Description:

The project is a HSBC Hong Kong account opening process, or can also upgrade the account, the project is a distributed Springboot system, mainly responsible for calling the downstream API system, complete user creation, security checks, account opening, generation of user contract documents, regular push account opening summary files and other operations, the database uses Mongo DB, using Splunk to record and detect exception logs, there is a complete automated deployment platform Jenkins, and has been migrated from the virtual machine to AWS K8S.

My Responsibilities:

* code writing, code optimization and code approval, code optimization and code quality check.
* Monitoring exception logs and traffic between APIs.
* Production release and deployment.
* Archiving of project knowledge using confluence and regular knowledge sharing.
* Database field design and implementation of database query statements.
* Use Jira to conduct requirement assessment and make agile recommendations.
* Communicate requirements and versions to different departments to prevent code overwriting.
* Completed the migration of Java server containers from virtual machines to AWS K8S.
* Project initialization and framework building.

**2020/03 - 2020/07 MDOS investment promotion system(Symbio GTLAND)**

Project Description:

MDOS investment promotion system focuses on providing traditional commercial real estate developers with a brand library programme support, a big data platform for information-based investment promotion workflow management, helping commercial real estate developers to achieve safe and efficient management of the entire life cycle of investment promotion tasks, intelligent investment promotion programme recommendations, support for the realisation of panoramic shop viewing technology, promoting the rapid realisation of commercial value of asset projects, and enhancing the collaboration of investment promotion teams. office capabilities. The project uses a microservice architecture to implement the MDOS investment promotion system, with a front and back-end separation architecture, Redis caching to improve performance, custom Redis distributed locks to ensure thread safety interface powers, etc. Thread pooling asynchronous operation to improve performance. The main technology stack used is Springboot, SpringCloud, redis, Mysql, Flowable, Sonar.

My Responsibilities:

* Architecture design optimization, microservice module division, microservice environment construction. Participate in pre-requirement analysis, business module delineation.
* Mainly responsible for customer, project, approval and other modules all development
* Redis, cluster building, Jenkins automated operation and maintenance environment building.
* Responsible for data interfacing to the data centre.
* Project document writing, management,GitLab code version management, on-line packaging.
* Use workflow to manage the approval process, familiar with the workflow API, to achieve dynamic process management

**2019/10 - 2020/03 Brand Show Management System(Symbio GTLAND)**

Project Description:

The project is a system for Utopia properties to place shelves in shopping malls for merchandise sales and then manage the merchandise, which is referred to as the brand stage, mainly reflecting the display of merchandise, the management of VR kits, the display of orders and other functions. The main technologies used are Springboot, SpringCloud, redis, Mysql, Vue, element, Sonar.

My Responsibilities:

* Mainly responsible for SKU, SPU management, and order management of products.
* Responsible for writing the front-end pages of the order and shopping cart modules, as well as the implementation of the back-end code.
* SQL statement writing, optimization.

**2019/04 - 2019/10 Advertising Management System(Symbio GTLAND)**

Project Description:

This project is a management system developed by Utopia Real Estate for the advertising project team to facilitate the management of spots, the scheduling of spots and the importation of clients by the advertising project staff. The project is also interfaced with the company's central office's permission authentication centre, user centre and authorisation centre. Single sign-on and user verification is carried out using tokens issued by the central office, and menu and role operation permissions are configured in the central office, which can be subdivided into button operation permissions. The Permissions Centre also provides the mybatis plug-in to enable dynamic data permission management for sql statements. Code testing is carried out using sonar and code development is carried out in strict accordance with the sonar specification.The main technologies used are: Springboot, SpringCloud, redis, Shiro, EasyPoi, Mysql, Vue, element, sonar.

My Responsibilities:

* Mainly responsible for development coding of point pages, database design.
* Responsible for interfacing with the middle office and debugging the api interface of the middle office.
* Write code for front-end pages and implement front and back-end interfacing yourself
* Use JXLS and EasyPOI to export excel files, JXLS mainly to achieve fixed column export, EasyPOI can achieve dynamic column export, while their own POI to use the style of correction and other operations.
* Optimising code according to sonarqube.
* Optimize SQL, add indexes, add temporary tables, use binary tree storage, etc. to reduce query speed significantly.

**2019/02 - 2019/04 Payment Systems(Guangzhou Keyun Intelligent)**

Project Description:

This project is mainly used for top-ups for school students and barcode payments in shops. The main purpose of the project is to implement WeChat and Alipay top-ups and barcode payments. The transaction data is monitored and polled to avoid incorrect billing. The system uses Kafka as the core, placing a large number of orders in Kafka for peak shaving. A blockqueue is used to monitor transactions in real time, and new threads are created to poll transactions for queries and cancellations. The system uses xxl-jobs to create batch timed tasks to automatically refund orders that do not close.The main technologies used are: springboot, mybatis, mysql, kafka, quartz.

My Responsibilities:

* Developed the project independently, built the project and was responsible for the database table design.
* Responsible for Alipay WeChat sweep payment and APP payment function, and complete polling of transactions.
* responsible for the automatic build of the project and nginx configuration.
* Responsible for polling operation of transactions, putting transaction data into BlockQueue queue, and taking out monitoring.
* responsible for signature verification, initiating signature, refund, closing order and other interfaces.
* responsible for batch tasks and automatic closing of accounts.

**2018/12 - 2019/02 IOT Intelligent Cloud Platform(Guangzhou Keyun Intelligent)**

Project Description:

The system is the core business of the company, as an IoT cloud platform, mainly used for basic data query and import, cache management, dictionary management, log collection and monitoring, monitoring of each service, real-time monitoring of the dormitory, equipment authorisation and other operations. Users can log in to view different information according to different roles, for example, the hostel manager can only log in to view the building, room monitoring and basic data collation of the building and rooms, and we also have Android and ios interfaces written in the platform.

The platform uses kafka as the distributed core and has many connectors, such as the redis connector, database connector, message notification connector, etc. Each module simply subscribes to the corresponding topic and then sends messages to achieve the cache and database operations, etc. Meanwhile, other modules can also subscribe to this module's topic and correspondingly accept messages from other modules.

My Responsibilities:

* Participate in the requirement analysis of the project and part of the database design, develop the development plan.
* Responsible for the basic data module, batch import, batch update, batch delete, import cache and other operations.
* Responsible for the implementation of the login module, token generation and verification, password encryption modification, etc.
* Responsible for docking App interface implementation, such as user proposed lost card, processing lost card, binding the user's mobile phone number, sending Ali SMS service, electricity, water volume of monthly and annual queries and other operations.
* Responsible for part of the front-end page writing, Angular writing, data validation and Ajax, and part of the Echart chart implementation.
* Responsible for writing unit test code, using the mockito framework, so that the test coverage rate of at least 80%.

**2018/09 - 2018/11 Blockchain Management System(GuangZhou Block Zero chain)**

Project Description:The system is designed to manage blockchain information and is mainly implemented using spring cloud.

My Responsibilities:

* Learn to use spring cloud.
* Understanding the principles of blockchain and its implementation.
* Project initialization, configure nginx to prevent cross-domain, configure local gitlab repository

**2018/07 - 2018/09 Bank card OCR recognition(BaiJunCheng AIA)**

Project Description:

The project is mainly to identify the information of mainstream Hong Kong bank cards as text, and call the interface of the self-researched OCR system to obtain the bank card number after OCR recognition according to the fixed coordinates of the bank card image for the convenience of customers.

My Responsibilities:

* Responsible for calling and debugging the OCR interface and obtaining bank card numbers
* Responsible for writing unit tests

**2017/07 - 2017/10 Guangdong Public Security Department Big Data Project(Guangzhou Keyun Big Data)**

Project Description:

The project is a big data project under the Guangdong Provincial Public Security Department, where personnel information, trajectories and associated personnel information can be queried for the convenience of the Public Security Department personnel. The database uses Oracle.

My Responsibilities:

* Responsible for basic data import, translation and collation.
* Responsible for server Oracle,Hybase,Kettle installation and maintenance, server monitoring.
* Responsible for client training and implementation on site.