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**教育背景**

**乔治梅森大学**  美国 弗吉尼亚州

*应用工程物理硕士*  June 2016 – Dec 2018

**西北工业大学**  陕西 西安

*材料物理学士学位*  Sept 2011 - June 2015

**工作经历**

花旗金融信息服务(中国)有限公司 上海

**模型风险管理团队（Model Risk Management）**

**技术栈：**TypeScript, Java, Angular, SCSS, Spring Boot, Docker, Jenkins, OpenShift, Camunda

**开发负责人** March 2023 – Present

**前端开发工程师**  April 2021 – Feb 2023

* **值得信赖的BAU小组.**成功地带领一个由4名开发人员组成的BAU团队完成每月的发布.由于快速的反馈，精确的问题解决，和高质量的交付，收到了来自业务方的表扬
* **微前端架构迁移.** 使用Single-spa框架向微前端迁移。成功地将一个大型单体前端应用拆分为九个的微应用，并和所有开发团队拉齐一致
* **承担核心的复杂模块开发,。**利用Angular的继承，(结构)指令，装饰器等高级特性，将复杂的大表单（超过100个用户需要输入的属性）拆解为多个小型易维护可以复用的控制组件
* **Docker标准化和Nginx倡导.** 倡导采用Nginx取代Apache 和Tomcat，并在所有开发团队中推荐标准化使用Docker。显著减少了由OpenShift集群的资源消耗

康水医疗科技 上海

**Web开发工程师**  Feb 2020 – March 2021

**医疗统计服务平台**

**技术栈：**JavaScript, Vue, Python, Flask, PostgreSQL, R

* **文件传输优化.** 优化了文件传输过程，使前端能够生成所有所需的文件类型（包括JPG，Excel，Word，Zip）。通过使用浏览器从文件中提取数据，增强了所有上传功能，从而使所有API标准化为JSON格式。
* **前端性能提升.** 使用IndexedDB存储传入的大型数据集，显著减小了应用程序的大小并提高了性能。
* **升级页面效果.** 开发维护了一个内部库，通过js将css3中的所有transform属性都变为矩阵参数，优化图形多重的复合变换性能，并实现“撤销”和“恢复”功能

瞬联软件科技有限公司  上海

**Web 开发工程师** Jan 2019 - Dec 2019

**核心网监控服务平台** - 爱立信（中国）通信有限公司上海分部

**技术栈**： Node.js, Express.js, Python, Task Flow, Kafka, Supervisor

* **5G节点workflow实现**. 为新的5G节点开发了完整的workflow，包括为新节点添加数据模式和提供节点信息查询.
* **Python Worker调度管理**：管理和调度python worker的发起和调用，启动新的轮询worker，使用Kafka调度节点状态，并由supervisor进行整体的监控

穿白色衣服躺在床上

中度可信度描述已自动生成**Wei, Rongzhen**

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Shanghai, PR China

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**Education**

**George Mason University**  Virginia, US

*Master’s Degree in Applied and Engineering Physics*  June 2016 – Dec 2018

**Northwestern Polytechnical University**  Shanxi, China

*Bachelor’s Degree in Material Physics*  Sept 2011 - June 2015

**Work Experience**

Citigroup Service and Technology (China) Shanghai China

**Model Risk Management team**

**Tech Stacks:** TypeScript, Java, Angular, SCSS, Spring Boot, Docker, Jenkins, OpenShift, Camunda **Tech Lead** March 2023 – Present

**Web Developer** April 2021 – Feb 2023

* **BAU Team Leadership:** Successfully led a team of 4 developers through the completion of monthly releases. Received numerous commendations for prompt responses, precise problem-solving, and high-quality delivery.
* **Micro-Frontend Migration:** Spearheaded the migration to a micro-frontend architecture using the Single-spa framework. Successfully partitioned a legacy monolithic repository into nine distinct micro-apps, aligning all MRMS development teams in the process.
* **Key and Complex Functionality Implementation:** Took responsibility to implement business-crucial, overwhelming-attribute (100+), and reactive forms. Within utilizing advanced features like (structural) directives, inheritance, and decorations from Angular, elegantly decomposed into small, easily-maintainable, and reusable components.
* **Nginx Advocation:** Championed the adoption of Nginx over Apache and standardized the use of Docker across all development teams. This initiative significantly reduced errors caused by OpenShift cluster misconfigurations.

KS MedTech Shanghai, China

**Web Developer** Feb 2020 – March 2021

Statistical tools used in Medical Research

**Tech Stacks**: JavaScript, Vue, Python, Flask, PostgreSQL, R

* **File Transfer Optimization:** Streamlined file transfer processes, enabling the generation of all desired file types (including JPG, Excel, Word, Zip) in the Frontend. Also, enhanced all upload functionalities by extracting data from files using the browser. This optimization resulted in the standardization of all APIs to JSON format.
* **Frontend Performance Enhancement**: Implemented IndexedDB to store incoming large datasets, dramatically reducing app size and improving performance.

**CIeNET Technology**  Shanghai, China

**Web Developer** Oct 2019 - Dec 2019

Core Network Monitor System - Ericsson (China) Communications, Shanghai Branch

**Tech Stacks:** Node.js, Express.js, Python, Task Flow, Kafka, Supervisor

* **5G Node Workflow Implementation:** Established a comprehensive workflow for new 5G nodes, including the addition of data schemas for new nodes and providing node information inquiries.
* **Python Worker Scheduler Managing:** Managed and scheduled jobs for workers, initiating new timely worker jobs for extracting the latest node status with Kafka, and monitored by supervisor.