Hairui Wang

Dedicated Full Stack Software Engineer driven to develop innovative solutions and contribute to business success through impactful applications
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PROFESSIONAL SUMMARY

Seasoned Full Stack Software Engineer with more than 5 years of expertise in architecting and developing performant, scalable, and feature-rich applications. Skilled in strategically applying business logic and optimization strategies to deliver impactful solutions. Specializes in leveraging JavaScript technology stacks to drive innovation and efficiency

WORK EXPERIENCE

Gophr App, Inc   **Lake Charles, LA**
Full Stack Software Engineer   *Jan 2020 – Present*
- Led the development and maintenance of three microservices-based backend APIs (Shipments, Users, and Inventories). These APIs provide essential functionality supporting the Consumer App, Driver App, Merchant App, and Dispatch Dashboard, integral to the entire e-commerce and delivery service ecosystem
- Led the implementation and maintenance of the frontend Admin dashboard, managing orders, users, and inventories, and streamlining driver dispatching processes. This dashboard has significantly reduced manual work and phone calls by 60% across teams
- Designed and developed the School Lunch System in just one and a half months, seamlessly integrating it with the delivery service. This system empowers parents to conveniently order lunches from local restaurants for their students, significantly improving user satisfaction and operational efficiency
- Contributed to the development of the placing order feature for the Consumer App, enhancing user experience and functionality

Technologies: JavaScript, Node.js, Express.js, PostgreSQL, Sequelize, GraphQL, Mocha, React.js, HTML, CSS, Next.js, React Native

China United Network Communications Group Co., Ltd   **Beijing, China**
Data Scientist   *Apr 2016 – Nov 2017*
- Designed Intelligent Transportation Analysis System for Ministry of Transport, processing real-time mobile signaling data (3 GB/min), showcased on national news
- Developed Population Heat Map Analysis Platform for precision marketing, resulting in 8% improvement for clients including P&G, JD, Baidu, and Starbucks
- Created tourism big data SaaS application utilized by over 10 provinces for Ministry of Culture and Tourism

Technologies: JavaScript, Java, Python, Hadoop, Storm, ArcGIS, Oracle

Expert Microsystems, Inc (China)   **Beijing, China**
Data Scientist   *Apr 2012 – Apr 2016*
- Maintained and supported Prognostic and Health Management analysis system for industrial equipment
- Designed Real-time Diagnosis Platform for electromechanical systems
- Provided technical support for software suites and consulting projects, contributing to 30% of revenue

SKILLS

Programming Languages: Proficient in: JavaScript, HTML5, CSS, SQL **| Working knowledge of:** TypeScript, Python, Java
Frameworks: Node.js, Express.js, React.js, Next.js, Bootstrap, Ant Design
Databases: PostgreSQL, MySQL, Sequelize, MongoDB, GraphQL
Cloud Platforms: AWS, GCP

EDUCATION

Master of Science, **Mathematics with Computer Science Concentration, McNeese State University**   Dec 2019
Master of Engineering, **Thermal Energy and Power Engineering, Beihang University**   Mar 2012
Bachelor of Engineering, **Thermal Energy and Power Engineering, Tianjin University**   Jul 2009