Steven Zhao

Permanent Resident of Canada

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Highlights

- Back-end: proficient in Java, with knowledge in Python
- Front-end: familiar with HTML & CSS, JavaScript, TypeScript, React, Vue
- Proficient with Spring, Spring Boot, Spring Data JPA, MyBatis, Hibernate, REST API, Maven, and Git
- Proficient with database operation in MySQL, SQL, and SQLite
- Knowledge with AWS, GCP
- Solid understanding of data structures, algorithms, and design patterns
- 3 years of experience on Java development, with Agile and Scrum methodologies
- 3 years of experience on hardware system integration and verification
- 4 years of product diagnostic and R&D tech support experience
- 5 years of project planning and management experience
- Proficient in technical documentation writing
- Strong written and verbal communications skills

Work Experience

Junior Software Engineer & Senior Integration Engineer | Aurora Aerial Inc | 02/2020 – 05/2022 | Winnipeg, Canada

A Hi-tech company that provides industrial solutions for drone system

- Back-end development of an enterprise-level software for drone systems called Ground Control Station (GCS), developed by Java. GCS is an enterprise level desktop drone operation software, allowing user to manage fleets, make flight plan, control the drones & accessories in real time, analyze flight data and so on.
  - Participated the project requirements analysis.
  - Implemented features include datalink connection, real-time flight data processing, drone status

alarms, flight path planning and tracking, emergency auto-control patterns and more.

- o Performed debugging.
- o Provided support for software testing.
- o Wrote tech documentations.
- Back-end and front-end development of the company's web-based Inventory Management System (similar as inFlow)
  - o Tech stack: Java + Spring Boot + TypeScript + React + MySQL.
  - o Developed back-end features including.
    - Inventory: products management, inventory control and adjustment.
    - Purchasing, receiving &sales: order fulfill, supplier & customer management.
    - Reporting: customized report generation.
  - o Developed front-end features including Web UI such as product management pages, inventory management pages.
- Designed and conducted the integration of electronic parts of company's main drone system, including the core components such as flight control, radios, power supplies, motors, etc., as well as accessories such as camera and sensors.
- Conducted the integration of mechanical parts of company's main drone system, including the frame structure, propellers, payload system and so on.
- Designed, planned and implemented drone system verification, including create verification process, design detailed plan, implement and report.
- Design system maintenance guidelines and repairing troubleshooting.
- Conducted continue improvement plan of drone's hardware system.
- Designed and created a drone system for internal training purpose.
- All the projects applied Agile and Scrum methodology.

Business Development | NiuVision Media | 02/2019 – 01/2020 | Winnipeg, Canada

- Communicated and negotiated with potential clients, created customized promotion plan.
- Organized design team and operation team to execute the promotion plan for archiving client's goal.

- Created company documents, including reports, data sheets and presentations.

- Organized, planned and executed the market plan for films publishing business.

- Organized big commercial shows of world-famous groups in Centennial Concert Hall

- Maintain sound relationships with vendors and service providers.

Senior Marketing and Business Specialist | Lenovo Group | 03/2016 – 10/2017 | Beijing, China

- Developed marketing plans by conducting market research, pricing analyses, interpreting data and reporting to marketing controller.

- Set and evaluated business goals and performance metrics to track and report market results.

- Evaluated potential business investment projects; researched and analyzed industry trends, business profitability and financial statements, and compiled analysis in reports for company's executive team.

- Collected and organized business data monthly and conduct strategy evaluation programs bi-annually; planned schedules, researched, analyzed market and financial data for existing business, presented findings to executive team.

Strategic Planning Specialist | DaTang Telecommunication Group | 05/2012 – 02/2016 | Beijing, China

- Developed and implemented strategic management policies and procedures for all departments; created annual schedules with project milestones.

- Planned long-term and short-term strategies to match company goals.

- Evaluated strategy outcomes and industry developments to ensure effective implementation.

- As a coordinator, managed and worked with third party business resources such as consulting companies and data providers.

- Organized and ran internal business incubation program.

- Compiled research reports with information on industrial trends, market performance, and competitor analysis.

Product Engineer | NOKIA Telecommunication | 07/2006 – 08/2010 | Beijing, China

- Tested cell phones in mass production phase (software and hardware).

- Wrote, tested, and maintained product test plans for production, implemented product testing.

- Analyzed testing data, identified problems, and provided solutions.

- Managed a team of five, trained staff on troubleshooting for technical issues during production and found root cause of concerns.

- Monitored quality issues and product improvement processes during production stage.

- Cooperated with R&D teams to test products for mass production.

- Communicated with suppliers to negotiate cost adjustments and quality improvements.

Sample Project

github.com/plustype?tab=repositories

Education

- Applied Business Management | University of Manitoba | 2018 - 2019 | Winnipeg, Canada

- Master of Business Administration | Peking University & Vlerick Business School | 2010 – 2012 | Beijing, China

- Bachelor of Electronic and Information Engineering | North China University of Technology | 2002-2006 | Beijing, China