

John Jiang

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## Objective

Senior Developer with 10+ years of backend and systems expertise, transitioning into WordPress plugin development. Skilled in PHP, MySQL, REST APIs, and scalable architecture, with a focus on security and performance. Eager to contribute to a modular business plugin for MTO workflows, leveraging experience in IoT, cloud platforms, and database optimization.

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## Key Qualifications

- **Backend Development:** Proficient in Go, Python, and PHP (self-taught), with hands-on experience in MySQL, REST APIs, and microservices.
  - **Scalable Systems:** Built high-performance platforms using modular architectures (e.g., IoT protocols, fraud detection systems).
  - **Security & Optimization:** Implemented security best practices in cloud environments and optimized database performance (30%+ efficiency gains).
  - **Collaboration:** Worked closely with founders and cross-functional teams in Agile environments (Tesla, Kyligence).
  - **Location:** Based in Vancouver, BC, and available for on-site work in Burnaby.
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## Technical Expertise

- **Languages:** PHP (learning), Go, Python, SQL, JavaScript
  - **WordPress Tools:** WordPress Core API (learning), WooCommerce (learning), jQuery, AJAX, REST API
  - **Databases:** MySQL, PostgreSQL, Redis, DynamoDB (optimized queries for 20% faster performance)
  - **DevOps:** Docker, Kubernetes, AWS, CI/CD pipelines, GitHub
  - **Security:** Sanitization, role-based access, encryption (via cybersecurity coursework)
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## Relevant Experience

### Energy Department of Tesla | Shanghai

#### Senior Golang Developer | ML k8s DevOps | 2023/09 – 2024/04

- **API & Protocol Design:** Built IoT messaging protocols using AVRO/JSON serialization, analogous to WordPress REST API integrations.
- **Performance Optimization:** Deployed ML models on NVIDIA GPUs with Kubernetes, improving throughput by 4x.

### Kyligence & Gaussian Robotics | Shanghai

#### Go/Python Developer | 2021/09 – 2023/09

- **Database & Middleware:** Integrated MySQL, Kafka, and Redis for a high-performance R&D

platform, reducing costs by 20%.

- **Modular Architecture:** Designed a Robot Emulation Service to align ML models with cloud systems, mirroring plugin scalability needs.

## PwC Global Software Accelerate Center | Shanghai

### Node Full-Stack Developer & Data Analytics Lead | 2017/03 – 2021/09

- **Security & Automation:** Developed a fraud detection system with role-based access controls and secure data workflows.
  - **Workflow Tools:** Created CI/CD pipelines using Jenkins and Kubernetes, ensuring seamless deployment.
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## Education

### New York Institute of Technology | Vancouver, BC

*Master's in Cybersecurity | 2024/05 – 2025/12*

- Relevant coursework: Cryptography, network security, secure coding practices.

### Northeastern University of Finance and Economics | Dalian, China

*Bachelor's in Economics (IT Minor) | 2004/09 – 2008/07*

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## Projects

- **IoT Protocol Builder** (Python/Go): Designed a modular API for IoT device-cloud communication (similar to plugin architecture).
  - **Fraud Detection System** (Python/SQL): Automated risk analysis with MySQL optimization and role-based security.
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## Soft Skills

- Independent problem-solver with a detail-oriented mindset.
  - Collaborative communicator experienced in Agile stand-ups and code reviews.
  - Fast learner actively upskilling in PHP and WordPress Core API.
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## Compliance

- **Work Authorization:** Valid SIN, Canadian work permit.
- **Location:** Available for on-site work in Burnaby, BC.
- **Background Check:** Willing to complete.