# YILUN WU

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## Professional Summary

Full-stack developer with expertise in cloud computing, API integration, and scalable enterprise solutions. Skilled in designing high-performance backend systems and interactive front-end applications. Passionate about automation, data-driven insights, and secure system architecture. Currently based in Canada and actively seeking local opportunities.

## Skills

### Technical Skills

- **Programming Languages:** Python, JavaScript, C#
- **Cloud Platforms:** Salesforce, Kubernetes, Docker
- **Database Management:** MySQL, MongoDB, SQL Server
- **DevOps & CI/CD:** Jenkins, VSTS
- **API & System Integration:** RESTful APIs, Salesforce APIs, Microservices Architecture
- **Agile Development:** Scrum, Jira, Confluence

### Soft Skills

- Problem-solving and analytical thinking
- Effective stakeholder communication
- Agile collaboration and adaptability

## Work Experience

### Ericsson | Remote | Software Engineer (06/2023 - 01/2025)

- Optimized **alarm and KPI analytics** modules, enhancing system efficiency by **30%** and reducing downtime by **10%**.
- Developed and deployed **Python-based backend services** for large-scale telecom data processing, integrated with MongoDB.
- Designed **real-time monitoring and alerting systems**, improving incident response time by **20%**.
- Managed **containerized microservices** on Kubernetes, ensuring high availability and scalability.
- Automated **CI/CD pipelines using Jenkins**, reducing deployment time by **40%**.
- Deployed applications on the cloud, ensuring system stability and scalability with **Docker and Kubernetes**
- Collaborated in an **Agile development** environment using Scrum methodology.

### PwC | Remote | Software Engineer (08/2021 - 02/2023)

- Led **Salesforce-SAP integration**, streamlining enterprise data synchronization and reducing errors by **25%**.
- Developed **secure APIs** in **Apex and JavaScript**, ensuring seamless integration for mobile and web applications.
- Implemented **metadata-driven architecture**, simplifying system migrations and reducing maintenance costs.
- Improved **unit test coverage by 30%**, increasing system reliability and aligning with secure coding best practices.
- Created **technical documentation** for global teams, improving knowledge sharing.
- Utilized **GitHub Actions and Jenkins** to automate deployments and improve DevOps efficiency.

**LoveLive Ltd | New Zealand | Software Engineer** (12/2019 - 03/2021)

- Built the **Soda GO logistics platform**, handling **30% of Auckland's meal deliveries** at peak performance.
- Designed and implemented **real-time order tracking** and **route optimization algorithms**, improving delivery efficiency by **25%**.
- Led **DevOps** initiatives, automating deployment pipelines and cloud infrastructure with **Docker**.
- Managed **project timelines and stakeholder communication**, ensuring on-time product launches.
- Integrated **secure payment gateways** and **third-party logistics APIs**, enhancing platform scalability and security.

# Projects

### CNOM (Core Network Operation & Management System) *(2023 - 2024)*

- Developed a **Python-based backend** for **KPI and alarm analytics**, improving error detection efficiency by **30%**.
- Designed a **real-time alerting system**, automating **80% of IMS node issue detection**.
- Managed **cloud-based deployment** and **DevOps automation**, reducing deployment failures by **15%**.
- Applied **secure coding practices** to protect sensitive telecom data.
- Collaborated in an **Agile team environment** with cross-functional stakeholders.

### LATAM (Pepsi Business Transformation) *(2021 - 2022)*

- Led **Salesforce-SAP cloud integration**, ensuring smooth and secure enterprise data migration.
- Developed and optimized **Apex-based APIs**, supporting real-time data exchange and improving performance by **20%**.
- Created a **new cloud-based architecture**, leading to a **successful enterprise system migration**.
- Implemented **OAuth and JWT authentication**, improving system security.
- Used **Jira and Confluence** to track development progress in an **Agile team setting**.

### Soda Express *(2019 - 2021)*

- Built **Soda Express** from **0 to 1**, developing the entire platform including **front-end, back-end, and mobile app**.
- Scaled the system to handle **30% of Auckland's meal deliveries** at peak.
- Designed and implemented **real-time order tracking** and **route optimization**, improving efficiency by **25%**.
- Led **DevOps** and cloud deployment, ensuring system stability and scalability with **Docker**.
- Integrated **third-party logistics APIs** and **secure payment gateways**, enhancing platform functionality.
- Applied **secure coding best practices**, ensuring data protection and payment security.
- Used **Agile methodologies** to manage project development and sprint planning.

# Education

**Massey University | New Zealand | 2019 - 2020**

- Master of Engineering | Electronic and Computer Engineering

**New York Tech | Canada | 2025 - Present**

- Master of Science | Cybersecurity

# Certifications

- Salesforce Certified Platform Developer
- Salesforce Certified Administrator (SCA)
- Salesforce Certified JavaScript Developer