Chengyan Wang

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Dynamic Full Stack Developer experienced in developing, implementing, and supporting complex software systems. Skilled in optimizing operations by developing emerging technology solutions that drive benefits for businesses and end users. Demonstrates knowledge in the technical project development lifecycle from concept through delivery. Detail-oriented and analytical with proven ability to communicate effectively with technical and non-technical users centered on industry best practices.

PROFESSIONAL EXPERIENCE

Full Stack Developer | Xi'an Yaruan Network Technology Co., Ltd.   May 2023 – Present
- Vital member of Agile Scrum team driving evolution of XianGovProperty Web Application to achieve project milestones
- Elevate system performance by crafting database schemas using **Django's ORM**, interfacing with database by deploying **advanced SQL commands**
- Lead the creation of significant features improving app functionality and user experience
- Optimize application's performance by identifying bottlenecks and implementing optimizations for a seamless user experience

Software Engineer Intern | Tencent   Jun 2022 – Aug 2022
- Conceived and engineered an internal backend tool, leveraging **GO programming language** to revolutionize workflow efficiency by enabling the creation of team accounts, facilitating seamless simultaneous access to multiple portals
- Effectively mitigated customer support hurdles by proposing and implementing effective code-based remedies
- Created supporting documentation and comprehensive reports, offering invaluable reference materials for future initiatives

OSU CSE Undergraduate Research Assistant | ICICLE Digital Agriculture Build Team   Dec 2022 – Jul 2023
- Actively engaged in frequent and constructive contributions to the development of OpenPASS, a cutting-edge endeavor at the intersection of digital agriculture and technology
- Demonstrated a commitment to excellence through participation in regular team meetings, fostering transparent communication, knowledge exchange, and collaborative troubleshooting

PROJECTS

ICICLE Website (Full Stack Development)
- Spearheaded the ICICLE Website project independently during tenure as an Undergraduate Research Assistant at OSU
- Web application was devised to bolster agricultural scouting endeavors for the ICICLE lab, enabling seamless deployment of drone-driven aerial crop assessments
- Championed the end-to-end development of a robust and responsive Django website, utilizing **HTML5, CSS3, TypeScript,** and **Bootstrap 5** to deliver an immersive user journey
- Elevated security and user confidence by integrating **OAuth OpenID** protocol into website's framework
- Engineered an intuitive drone launch interface utilizing **Jetstream2, Docker, Kubernetes,** and **REST APIs**

XianGovProperty Web App (Full Stack Development)
- Played a key role in developing the XianGovProperty Web App, a specialized government platform for form management
- Contributed to an Agile Scrum team focused on constructing backend services, streamlining 30+ database tables through **Django's ORM** migration technology
- Presented creative concepts during regular one-on-one sessions with supervisor, influencing the adoption of a streamlined Simple UI design for the Django Admin interface
- Core focus encompassed expert backend development, prominently centered on meticulous administration of the database

EDUCATION

Bachelor of Science in Computer & Information Science, The Ohio State University
- Emphasis in Full Stack Development
- Cum Laude; GPA: 3.62/4.0

TECHNICAL SKILLS

Programming Languages: Java, C++/C, C#, Python, Go, Ruby, Bash, SQL, JS
Web Development: HTML/CSS/JS, React, Node.js, RESTful API, OAuth, ASP.NET Web API
Database Management: MS SQL, MongoDB, MySQL
Testing Tools: Jest, Cypress, React Testing Library