

JINGHONG ZHANG

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Growth-focused Software Engineer with hands-on experience in dynamic agile settings. Verifiable proficiency in designing, developing, and deploying innovative, high-performance software and web products, solutions, and APIs. Committed to excellence, adept at writing clear, reliable, testable, and maintainable code. Highly organized and detail-oriented, proficient at prioritizing assets and resources to meet demanding deliverables. Exceptionally dedicated professional with impressive communication, interpersonal, and relationship-building skills, thrives in dynamic cross-functional environments

- **Core Skills:** Agile Methodologies, Algorithms, APIs & RESTful Services, Clean Architecture, Data Structures, Full Stack Development, Object-Oriented Design, Product Development, Project Management, Quality Assurance & Testing, RESTful APIs, SDLC Methodologies, Troubleshooting & Debugging, Web Design & Development
- **Languages:** Java, Python, C++, C#, JavaScript, SQL, C, HTML, R
- **Tools:** Git, Linux, Unity, Docker, Postman
- **Frameworks:** Django, QT, JavaFx, Flask, React

EDUCATION

MS in Information Science, University of Pittsburgh | Dec 2023

BS in Computer Science, University of Arizona | May 2022

PROFESSIONAL EXPERIENCE

Full Stack Web Developer, Chyama-SOSO, LLC, Tucson, AZ | Jul 2021 – Mar 2022

- Led the full-stack design, development, testing, and deployment of an e-commerce website in a fast-paced agile environment, working as part of a cross-functional development team.
- Designed, developed, and integrated stable and functional RESTful APIs to allow communication between the front-end and back-end and ensure maximum functionality while leveraging Postman and MySQL Workbench to conduct testing and propel quality.
- Created user-friendly and interactive interfaces via HTML, CSS, JavaScript, Angular, and Bootstrap, implementing dynamic and responsive interfaces, ensuring consistency, and implementing responsive design to enable cross-device accessibility.
- Designed and implemented database via PythonDjango, wrote queries and integrated token-based authentication and data serialization to perform secure and efficient CRUD operations, introduced data validation and integrity constraints, and continuously optimized the database.
- Directed the end-to-end process, from initial concept to design, development, testing, and deployment.
- Researched user needs to establish the product roadmap and determine required functionalities.
- Conceptualized X+ tailored features and functionalities to enhance usability, make the website intuitive and easy to navigate, and create seamless user journeys, propelling user engagement.
- Coordinated unit and integration testing across components, identifying and debugging various pain points, bugs, and issues, and growing accessibility and functionality.
- Participated in Agile development practices (sprint planning, grooming, and retrospectives), worked closely with team members, and met 100% of deliverables.

PROJECTS

Texas Hold'em | Jan 2022 – May 2022

- Developed a user-friendly game using C++, implemented inventive features and functionalities, created dynamic and responsive interfaces, ensured consistency, and implemented responsive design practices to drive accessibility.
- Performed design and code reviews, uncovered pain points and defects, created enhancements, and continuously evolved the product.

2D & 3D Games | Oct 2021 – Dec 2021

- Directed the end-to-end development of several 2d and 3d games using C# and Unity, designed gameplay aspects, programmed UIs, physics, mechanics, and library components, created characters, developed movement and combat mechanics, and introduced creative game elements to craft compelling user experiences.
- Conducted comprehensive testing and QA, cleaning up code and creating bug fixes to drive performance, reducing issues significantly and propelling user engagement.

E-book App | Sep 2020 – Nov 2020

- Co-directed the design, development, and launch of an e-book application, utilizing Java and JavaFX framework to create X+ bespoke functions and features, crafted appealing UI, and coordinated full-cycle testing to improve performance.
- Coordinated Agile ceremonies (sprint planning, grooming, and retrospectives) while supporting team-wide code reviews, delivering a measurable boost in product reliability, quality, and performance.