

# KASSANDRA D. ORTEGA

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## SUMMARY

An adaptable and detail-oriented software engineer and consultant with extensive experience in computer programming, debugging, optimizing code, integration and unit testing, IT automation, and software lifecycle development. Passionate about Agile methodologies and Scrum principles, I leverage strong communication and problem-solving skills to facilitate collaboration between front-end and back-end development, ensuring cohesive and efficient programming. A goal-oriented, knowledgeable producer committed to continuous improvement and delivering value, while visualizing and generating innovative ideas to maximize growth and profits.

## TECHNICAL SKILLS

**Programming Languages:** C, C#, C++, HTML / CSS, Java 8/17/21, JavaScript, PHP, Python, SQL, Swift, Objective-C

**Software / Platforms:** VS Code, IntelliJ, Postman, Xcode, Android Studio, Unity, Microsoft Office, Adobe, Git / GitHub, Tableau

**Frameworks:** Node.js, React.js, JQuery, Angular, Vue.js, Wordpress, Spring/Spring Boot

**Testing Frameworks:** JUnit, Cucumber, Selenium, Mockito

**Build Automation Tools:** Jenkins, Gradle, Apache Maven, Docker, GitLab, Kubernetes

## EXPERIENCE

CRISPY SOFTWARE SOLUTIONS, Chicago, Illinois

**Tech Lead and Software Architect, 2024**

- Spearhead the adoption of cutting-edge technologies to optimize development processes and accelerate delivery timelines.
- Partner with clients to understand their needs and translate them into scalable, high-performance applications.
- Lead and mentor a team of developers, advocating best practices and fostering a culture of continuous improvement and technical excellence.
- Oversee quality assurance of projects, ensuring they meet rigorous standards and align with industry best practices.
- Integrate advanced coding techniques and traditional development methodologies to maximize functionality and performance.
- Evaluate and integrate emerging technologies to refine development workflows and drive innovation.
- Facilitate cross-functional collaboration to ensure technical solutions align with broader business goals and strategic objectives.
- With a strong focus on leveraging technology to solve complex problems, I am committed to enhancing operational efficiency and delivering impactful software solutions.
- Led daily stand-ups, sprint planning, retrospectives, and reviews, ensuring productive sessions and clear outcomes.
- Actively identified and addressed barriers to team progress, improving workflow and efficiency.
- Engaged with clients to ensure alignment on product vision and priorities.
- Implemented metrics to assess team performance and foster continuous improvement, resulting in faster delivery and optimized processes for our client.

DYNAMIC BRAIN LAB AT NORTHWESTERN, Chicago, Illinois

**Project Manager and Developer, 2024**

- Implemented project management methodologies such as Agile to ensure timely delivery and successful completion.
- Assisted in project planning and execution, including creating project timelines.
- Communicated with team members to gather information and update project plans and status reports, adjusting based on feedback, concerns, and progress.
- Designed and managed implementation of game mechanics, levels, and user interface for a Northwestern PhD candidate's research project, in the hopes of advancing developmental iEEG research, which has a broad impact in cognitive neuroscience and mental health research.
- Collaborated with one other developer and designer to create implementation plans of game assets, such as characters, scenes, environments, objects, and animations.
- Participated in design and code reviews, providing valuable feedback and suggestions that improve overall game quality and user experience, while following proper research methodology.

- Assisted in testing and debugging game code.
- Served as mediator between the wants of the researcher and the possibilities of the developer.

KIN + CARTA, Chicago, Illinois

**Software Engineer and Consultant, 2021-2024**

- Worked with stakeholders and business-side to manage and increase success of new applications and features for varying clients and projects.
- Assisted in creation and development of new web features.
- Consulted with clients to build enterprise-grade cloud native apps.
- Bridged gap between elegant front-end design and enterprise back-end architecture with heavy focus on utilizing Java with Spring Boot.
- Collaborated with Agile team to prioritize and scope feature requests, ensuring larger features were prioritized accordingly.
- Collaborated with cross-functional teams to design and implement scalable APIs.
- Optimized API response times and improved overall system performance.
- Conducted manual and automated testing of software applications to ensure they meet quality standards and functional requirements.
- Designed and implemented fully automated CI/CD pipelines, reducing deployment time and increasing deployment frequency.

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**EDUCATION**

NORTHERN ILLINOIS UNIVERSITY, DeKalb, Illinois  
**B.S., Computer Science, 2020**

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**CERTIFICATION**

*Mobile Programming Certification, Northern Illinois University*