

Jonathan Ortiz-Ryals

Software Engineer

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SKILLS

Languages - JavaScript, HTML5, CSS3, Python | **Libraries and Frameworks** - Express.js, React.js, Node.js, jQuery, TailwindCSS, Bootstrap, Flask, Django | **Databases** - MongoDB, PostgreSQL | **Other** - Linux, CLI, Auth0, Agile, Scrum, RESTful Routing, JSON, MVC frameworks, Postman, Github, VSCode, Trello, Figma

PROJECTS

Roman Reveal, General Assembly | [Live Site](#)

- Utilized HTML, CSS, and JavaScript to design and develop a highly interactive replica of the popular game Tic-Tac-Toe
- Implemented a gender reveal theme while using multiple media queries to hone in on the CSS design for different display options

Declare War, General Assembly | [Live Site](#)

- Executed HTML, CSS, and JavaScript to design an immersive and captivating digital version of the well-known card game.
- Developed an intuitive user interface and interactive gameplay mechanics to enhance the gaming experience of the card game.
- Incorporated attractive visual elements and animations to make the game visually appealing and engaging for players.

Happenings, General Assembly | [Live Site](#)

- Utilized Python, Django, and MongoDB to design an event planner associating CRUD functionality.
- Collaborated with a team of 3, strengthening our git commands to minimize merge conflicts.
- Employed FlyDev methodologies to optimize the performance and responsiveness of the live site.
- Implemented Materialize framework to enhance the visual appeal and user experience of the event planner.

EXPERIENCE

Software Engineer Fellowship, General Assembly

April 2023 - August 2023

- Successfully completed full-stack software engineering immersive in an intensive, thirteen-weeks, 500+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, problem solving skills, and team collaboration strategies. Developed a portfolio of individual and group projects.
- Worked closely with experienced software engineers to gain hands-on experience with the latest development tools and technologies.

Data Processing Specialist, Alight Solutions

March 2022 - March 2023

- Manually inputted participant data from the Federal Retirement Thrift Savings Plan into Salesforce, ensuring accuracy and completeness. Analyzed participant data to determine eligibility for retirement plan distributions.
- Enforced equitable splits of retirement plan assets up to \$2.1 million, processing and validating financial data to promote financial fairness and accuracy.

Project Manager, DGCI

February 2020 - June 2021

- Spearheaded the logistics of a \$1 billion government-issued material distribution project, ensuring timely and accurate delivery to the Afghan National Defense and Security Forces, exceeding expectations by 15%.
- Led a team of 18 Afghan Local National Employees, implementing stock management optimization strategies and developing SOPs, resulting in a 20% increase in efficiency.

Enterprise Resource Planning Specialist, United States Army

February 2010 - February 2020

- Leveraged automation tools and data analysis techniques to optimize inventory management, consistently exceeding quarterly accuracy targets for 1,000+ lines.
- Utilized data driven insights to streamline client operational support and improve supply chain efficiency, contributing to cost reductions and performance improvements.

EDUCATION

General Assembly, Software Engineering Immersive

April 2023 - July 2023

Western Governors University, Bachelor of Science in Computer Science

December 2025

