Jerwin A. Carreon

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GitHub: github.com/jer-hub
Portfolio: https://jer-hub.github.io/portfolio/



Professional Summary

Web developer and IT instructor with experience building full-stack applications using React, Next.js, Django, and REST APIs. Uses Cursor and Grok to speed up coding, research, and workflow automation while shipping client projects end to end — from front-end interfaces to Python back ends, databases, and deployment tooling — and teaching programming and related IT courses at the college level.

Technical Skills

- **AI & automation:** Cursor (AI-assisted development); automation with Grok (research, task automation, and productivity workflows)
- **Front-end:** HTML, CSS, JavaScript, React.js, Next.js, Redux Toolkit, jQuery/Ajax
- **Back-end:** Python, Java, Django, Django REST Framework, Django Ninja, Celery/Redis, Django Channels / WebSockets
- **Data & tools:** PostgreSQL, MySQL, Docker, Git, Machine Learning basics
- **CMS & commerce:** WordPress, Shopify
- **Design & office:** Photoshop, Illustrator, Premiere Pro, After Effects; Microsoft Word, PowerPoint, Excel

Experience

IT Instructor
Jose Maria College Foundation, Inc. | August 2022 – Present

- Teach Computer Programming, Data Structures and Algorithms, Integrative Programming and Technologies, and Introduction to Human–Computer Interaction.
- Guide students through practical coding work and core software development concepts.

Freelance Django / Python Developer
Remote / Client projects | June 2020 – Present

- Build and maintain web applications for clients, including e-commerce sites, inventory systems, blog platforms, and a library management system.
- Developed a judge engine for automated evaluation workflows.
- Developed a clinic management system to support clinic operations and records.
- Developed a psychological test management system supporting assessment workflows.
- Deliver front-end and Django back-end features with REST API integration as needed.
- Apply Cursor and Grok automation to accelerate development, debugging, documentation, and routine project tasks.

On-the-Job Trainee
Jairosoft, Inc. | February 2022 – June 2022 | 230 hours

- Created software mockups and storyboards in Miro for product design discussions.
- Completed hands-on work with Angular on the front end and C# console programming.

JIA Workshop Participant
Virtual workshops | 256 hours rendered

- Completed workshops covering HTML/CSS, Bootstrap, and Microsoft Office.

Education

Master in Information Technology (ongoing)
University of Immaculate Conception, Davao City | 2023 – Present | 24 units earned

Bachelor of Science in Information Technology
Jose Maria College Foundation Inc., Davao City | 2018 – 2022

- Capstone: Computer-Aided Interpretation Tools for RIASEC and Personality Test with Machine Learning (Developer).

TVL – Information and Communication Technology
Holy Trinity College of General Santos City | 2016 – 2018

Core Strengths

Self-disciplined and trainable; works well independently or in a team; communicates clearly; manages deadlines and pressure on client and academic projects; leverages AI tools for faster delivery.

References

Available upon request.