# Manuel Kamboykos





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#### WORK EXPERIENCE

## Freelance Web Developer | Miami, FL

Self-Employed Feb 2022 – Present

- Redesigned, optimized and updated existing web applications, in addition to static, WordPress and e-commerce websites.
- Built custom responsive web sites both in WordPress, and with React.js, Node.js, and Express.js, with databases like MongoDB and MySQL.
- Provided marketing and consultation advice, as well as handled all verbal and written communications to meet the client's specifications.

## Software Developer Intern | Miami Springs, FL

DCodeBox | Web Services

Nov 2021 – Feb 2022

- Created and published a YAML Redoc OpenAPI/Swagger documentation for development and consumption using Redocly.
- Collaborated with a Senior Developer to effectively maintain an airline reservation web service system, using the Symfony 3 framework in PHP.
- Supported the user interface design of an existing project by incorporating best practices for better user experience.

#### Software Engineer Intern | Bentonville, AR (Remote)

Walmart Global Tech. | Cloud Powered Checkout

Jun 2021 - Aug 2021

- Contributed to the back-end development process of a RESTful API and microservices-based multipurpose universal configuration tool.
- Implemented HTTP routing request/response methods to both retrieve and update targeted data from a cloud database server.
- Developed asynchronous Java code using the Vert.x Web Client Framework linked to an Azure SQL Server through a JDBC driver.

#### SKILLS SUMMARY

• Languages: Java, JavaScript, HTML/CSS, Python, PHP, YAML, Objective-C, C#, C++, F#

Frameworks: React.js, React-Native, jQuery, Vert.x, Express.js, Symfony 3, Bootstrap, React-Bootstrap, Material-UI, Twig, Next.js
 Tools: Git, GitHub, Photoshop, Adobe XD, Draw.io, DBeaber, MySQL Workbench, pgAdmin 4, Docker, XAMPP, Redoc

Tools: Git, GitHub, Photoshop, Adobe XD, Draw.io, DBeaber, MySQL Workbench, pgAdmin 4, Docker, XAMPP, Redoc
 Databases: Azure MySQL, MongoDB ATLAS, PostgreSQL, Firebase, Microsoft SQL Server, SQL Server Management Studio

• Platforms: Node.js, Windows, MacOS, Linux (CentOS, Raspberry PI OS, Ubuntu)

Soft Skills: Leadership, Teamwork, UI/UX Design, Problem Solving, Critical Thinking, Project Management, Software Testing

#### **EDUCATION**

## Florida International University | Miami, FL

Bachelor of Science in Computer Science

Jan 2020 - May 2022

- Software Design and Development Track
- Upsilon Pi Epsilon (UPE) Honor Society
- Dean's List: 3 Semesters; GPA: 3.60

#### Florida International University | Miami, FL

Bachelor of Arts in Psychology

Jan 2017 – Apr 2019

- Graduated Magna Cum Laude
- Honors College Thesis & Graduate
- Dean's List: 5 semesters; GPA: 3.71

## **PROJECTS**

#### Zerbez | Personal Web App Project

 $Feb\ 2021-Present$ 

- Conducted extensive research with the goal to improve both customer experience and employee satisfaction in the restaurant industry.
- Planned, designed, prototyped, and currently developing a full-stack client-server Progressive Web Application (PWA), using a CRUD based approach with RESTful API implementation.
- Utilized React.js for the frontend, along with Node.js, Express.js, and a relational database with MySQL for the backend.

## Drone Sentinel | Hackathon Team Project

Sep 2020 - Sep 2020

- Developed a facial recognition heat sensing camera using a Raspberry Pi 4 circuit board attached to a remote-controlled drone.
- Utilized Google Vision API for facial recognition with Firebase to store names, and OpenCV for the heat sensor feature with Google Cloud Storage to store output images.
- Assembled and hosted a static website in Visual Studio Code with Microsoft Azure Storage using HTML/CSS and JavaScript to live stream
  the camera's output through a MJPG-Streamer online.

## CERTIFICATIONS

## LEADERSHIP & VOLUNTEERING

# Jul 2021 – May 2022

# Full Stack Certification by FreeCodeCamp | Self-Taught

- Responsive Web Design  $\checkmark$
- JavaScript Algorithms and Data Structures
- Front End Libraries ✓
- Data Visualization
- APIs and Microservices

## Web Development Tech Lead

Google Developer Student Club (GDSC) | FIU

 Coordinated and assembled a team of 25 active members, to develop a PWA from scratch.

- Scheduled online weekly lectures to teach and explain important web development concepts for both frontend and backend.
- Managed and continuously provided support for planning, to ensure delivery of the product successful and on time.

## TECHNICAL & NON-TECHNICAL SKILLS

• Software: Adobe Creative Suite, Microsoft Office Suite, Trello, Discord, Slack, WorkPlace, Confluence, Jira, Click-Up

• Spoken Languages: English (Fluent), Spanish (Native)