John Pham

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SUMMARY

Former Biomedical Sciences graduate turned web developer, leveraging an analytical mindset to build clean and maintainable digital applications. Enjoys breaking down challenges into scalable solutions, with a passion for front-end development and creating seamless user experiences.

SKILLS & INTERESTS

- **Frontend:** JavaScript (ES6+), React, HTML5, CSS
- **Backend:** Node.js, Express, Django, Django REST Framework, Python, MongoDB, PostgreSQL
- **Interests:** Fishing; Traveling; Pickleball; Crocheting; Gaming; *One Piece*

PROJECTS

Wordle: Categories

- A browser-based Wordle game built entirely from scratch, without external APIs or libraries, challenging me to deepen my understanding of JavaScript's core components.
- **Tech:** JavaScript, HTML, CSS, DOM Events
  - Real-time feedback and game logic using JavaScript DOM manipulation and event handling, Utilizing Chrome DevTools to debug and optimize performance.

myPOV

- A social media platform for sharing interests through a personalized 'point of view' (POV).
- **Tech:** Python, Django, PostgreSQL
  - A Full-Stack Django Application with a secure authentication system and PostgreSQL relational models. Applied Python best practices to improve code readability and performance.

Task Buddy

- A simple and efficient Todo app for task management and organization.
- **Tech:** Node.js, Express.js, MongoDB
  - Built a full CRUD API with Express.js and MongoDB, using RESTful routing and data modeling. Implemented secure authentication and role-based access control with JWT and middleware.

Petsy

- An online marketplace for pet-related products and services.
- **Tech:** React (Hooks), Node.js, Express, MongoDB
  - Developed a responsive front-end with React Hooks for seamless state management and built a RESTful API with Express.js and Node.js for authentication and data handling. Secured user access with JWT and bcrypt while leveraging Git and GitHub for version control and collaboration.

EDUCATION

General Assembly   *Remote*
Certificate in Computer Software Engineering

University of Central Florida   *Orlando, FL*
Bachelor of Science in Biomedical Sciences