

# John Pham

JohnPham.Tech@gmail.com | (407) 429-1458 | Dallas, TX | [Portfolio](#)

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## SUMMARY

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Former Biomedical Sciences graduate now specializing in web development, leveraging an analytical mindset to building clean, maintainable, and scalable digital applications.

## SKILLS & INTERESTS

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

## PROJECTS

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### 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 your interest through your 'point of view' (POV)
- **Tech:** Python, Django, PostgreSQL
  - A Full-Stack Django Application with a secure authentication system and PostgreSQL relational models. Used 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 UI updates. Built a RESTful API with Express.js and Node.js, handling data requests, authentication, and business logic. Secured user authentication with JWT and bcrypt's password-hashing function. Improved team collaboration using Git and GitHub for version control, code reviews, and issue tracking.

## EDUCATION

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### General Assembly

Certificate in Computer Software Engineering

*Remote*

### University of Central Florida

Bachelor of Science in Biomedical Sciences

*Orlando, FL*