Steve Roy Perry

1338 NW 2nd LN, Florida City, FL 33034
steveroyperry@yahoo.com | (786) 538-6431 | www.steveroyperry.com

Education

Florida International University — **B.S. in Computer Science**, Minor in Economics
Graduated: August 2024 | August 2020 - August 2024

Skills

- **Programming:** Python, Java, JavaScript, SQL, C, C#, C++, HTML/CSS
- **Frameworks & Libraries:** Django, React, Node.js, Pandas, TensorFlow, Scikit-learn
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Tools & Technologies:** Git, Docker, AWS, Firebase, Webhooks, NextAuth
- **Development Practices:** Agile, Test-Driven Development (TDD), CI/CD, REST APIs

Experience

Software Engineer Intern — *Polarix*
June 3, 2024 – August 26, 2024

- Enhanced an international **GPS app** using **Python (Django)**, improving geolocation accuracy for weak signals.
- Built a **data validation & anomaly detection** function to correct or flag inconsistent GPS data before processing.
- Developed **unit tests** to ensure function reliability, reducing GPS-related issues by **30%** and improving system performance.

Projects

Full-stack Amazon Clone (Open Source Contribution)

- Refactored and modernized an outdated **full-stack Amazon clone**, updating third-party libraries and fixing breaking changes in **React** and **JavaScript**.
- Rewrote key components, improving **authentication (NextAuth)**, **payments (Stripe API)**, and **database (Firebase DB)** for better performance and scalability.
- Enhanced **documentation** and **code maintainability**, ensuring seamless future development.

Personal Blog (Built with Django)

- Developed a fully functional **personal blog** with **user authentication**, including **login**, **account creation**, and **CRUD functionality** using **Django** and **PostgreSQL**.
- Created and tested **API endpoints** using **Postman**, wrote **unit tests**, and ran **migrations**, ensuring the application's reliability and seamless user experience.

Languages

- **English** (Fluent), **Spanish** (Fluent)

Additional Experience

Real Estate Professional — *LUXE Properties*
April 2018 - Present

- Built a successful **real estate career** over the years while balancing school responsibilities.