

Steve Roy Perry

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Education

Florida International University — B.S. in Computer Science

Graduated: August 2024 | August 2020 – August 2024

Skills

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

Software Engineer Intern — Polarix

June 3, 2024 – August 26, 2024 | Tech Stack: Python, Django, PostgreSQL

- **Designed and implemented** backend features in **Django**, optimizing data processing and improving geolocation precision in weak signal environments.
- **Built a Python** script that would detect/auto-correct anomalies in GPS data before preprocessing.
- **Developed unit tests and integration tests** using **TDD** principles, improving system reliability and maintainability.
- **Collaborated** cross-functionally in an **Agile** environment, contributing to sprint planning and code reviews.

Software Engineer Intern — AllPeep

June 2, 2025 – Present | Tech Stack: JavaScript, TypeScript, React Native

- **Engineered cross-platform** mobile components using **React Native** SDKs, supporting reusable architecture for both iOS and Android devices.
 - **Created automated** end-to-end and **unit test** scripts with Darknore AI to reduce manual QA time and increase **test coverage**.
 - **Resolved** 10+ high-priority bugs involving **full-stack** (frontend/backend) functionality, enhancing user experience and app performance.
 - **Integrated GitLab CI/CD** pipelines for build, test, and **deployment** automation in a collaborative **Scrum** team.
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Projects

Full-stack Amazon Clone (Open Source Contribution)

- **Modernized** a legacy e-commerce platform by upgrading third-party dependencies, eliminating compatibility issues in **React** and **JavaScript**.
- **Enhanced** security and performance through updated authentication (NextAuth), payments (Stripe API), and database interactions (Firebase DB).
- **Improved** code readability and documentation to ensure better collaboration and maintainability.

Personal Blog (Built with Django)

- **Developed** secure user authentication and CRUD operations using **Django** and **PostgreSQL** for a blog-style CMS.
 - **Created RESTful APIs**, tested endpoints using Postman, and followed best practices in version control and deployment.
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Certifications

- Apple iOS Developer - Swift Certification, 2025
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Languages

- English (Fluent), Spanish (Fluent)