

# Alexangelo Andrews

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## EDUCATION

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**University of The West Indies | St Augustine, T&T** **September. 2022 – May. 2026**

***B.S. in Computer Science***

- **Courses:** Computer Architecture, Computer Networks, Object-Oriented Programming, Operating Systems, Enterprise Database Systems, Software Engineering, Data Structures, Information Systems Security, Design and Analysis of Algorithms, Theory of Computing, Human-Computer Interaction, Wireless and Mobile Computing, Game Programming, Cloud Computing, Database Administration.

**Queens Royal College | Port of Spain, T&T**

**September. 2015 – May. 2022**

## TECHNICAL SKILLS

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**Languages (ordered by proficiency):** Python, JavaScript, TypeScript, SQL, PL/SQL, C++

**Tools and Frameworks:** Flask, SQLAlchemy, Tkinter, Pandas, Selenium, Node.js, React.js, Electron.js, Vue.js, Vite, Prisma, Git

## RELEVANT EXPERIENCE

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**Ministry of Energy and Energy Industries | Port of Spain, T&T** **June. 2025 – Aug. 2025**

*Intern*

- Developed a static website (Node.js + Vue.js) providing insights into Carbon Capture and Storage (awarded 1st Place in the Ministry's internship competition).
- Built a native desktop application (Electron.js + Node.js) to streamline procurement workflows, reducing manual tracking and improving efficiency.

**Ministry of Energy and Energy Industries | Port of Spain, T&T** **June. 2024 – Aug. 2024**

*Intern*

- Developed a Selenium-based web scraper to automate the extraction of supplier data, storing structured records in a PostgreSQL database.
- Designed and deployed a Flask-based web application enabling procurement officers to search, filter, and manage supplier records from a centralized PostgreSQL database.

## RECENT PROJECTS

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***Source Code and Demos can be accessed via my portfolio website***

**Budgeting App | *Personal Project***

- Created a desktop native application using Javascript (Node.js, React.js, Vue.js, Electron.js), Vite, Prisma as the ORM and Supabase to manage a PostgreSQL database.
- It allows me to budget my salary and plan the allocation of my savings.

**File Management App | *Personal Project***

- Created a desktop native application using Javascript (Node.js, React.js, Vue.js, Electron.js), Vite, Prisma as the ORM and Supabase to manage a PostgreSQL database.
- It allows me to keep track of my important physical files (receipts, forms and documents) via reference numbers for each file.

**Procurement Simulator | *Final Year UWI Project***

- Created a full stack web application with my group using the Python/Flask framework.
- It allows the students to simulate the procurement process by acting as ICT Vendors to place bids on lots and as Clients to reject or select the winning bid.

**Uni Companion | *Personal Project***

- Created a desktop native application using Python and Tkinter.
- It tracks student's midterm assessment performance per course to ensure they hit their goal