

# Nicholas Pitti

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Arlington, TX

## OBJECTIVE

I am eager to learn as much as I can about web development and stay on the cutting edge of technology. I am naturally inquisitive, detail oriented, and creative.

## WORK EXPERIENCE

### Confidential Employer, Fortune 500 (Contract)

Feb. 2024 – Feb. 2025

Network Administrator

Remote, TX

- Documented network changes to ensure accurate records and facilitate future network tasks.
- Monitored network performance to identify and resolve potential issues proactively.
- Ensure necessary information is provided to expedite restoral efforts.

## EDUCATION

### Technological University of Panama

October 2023

BS, Computer Systems Engineering

David, Panama

- Tasked with a diverse set of projects using programming languages and tools including C++, C#, Java, Python, Linux, CISCO CLI, SQL, Arduino, Raspberry Pi, Blender, Unity, Krita, AutoCAD.
- Developed 3 Arduino microcontroller projects, 2 of them using Python and Linux for facial recognition.
- Set up Endian firewall on Linux virtual machine as well as configuring firewall rules, intrusion prevention, web filtering, antispam, and antispysware, and TCP/UDP port rules.

### Cisco Systems

April 2023

Cert, Cisco Certified Network Associate (CCNA)

David, Panama

- Evaluates knowledge on theoretical and practical skills, such as installation, configuration, operation, and troubleshooting medium-sized networks
- Concepts:
  - Routing and switching protocols
  - Cisco router and switch configuration
  - Subnetting
  - Network security
  - LAN/WAN technologies

### AWS

In progress

AWS Certified Cloud Practitioner CLF-C02 2025

- Understanding of cloud concepts, including deployment models (public, private, hybrid) and AWS's global infrastructure (Regions, Availability Zones, edge locations).
- Uphold security and compliance with the AWS Shared Responsibility Model, IAM roles, and security best practices like MFA and encryption.
- Optimize resources to balance performance with cost-effectiveness.

## SKILLS

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Linux; Cisco CLI; Python; SQL; Git; Arduino; AWS; HTML / CSS; JavaScript; TypeScript; React; Vue.js; Next.js; Node; NPM; Bootstrap; LESS; SASS; Java; C#; Vb.net; Android Studio; Oracle VirtualBox; UiPath; Unity; Krita; Blender; AutoCAD; Gimp; Microsoft Suite; CI/CD Principles; Extreme Programming

## PROJECTS

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### Portfolio Webpage

- Created original code base from scratch with HTML, CSS, Bootstrap & JavaScript.
- Refactored TypeScript and React components created in Next.js framework.
- Deployed with GitHub Actions.
- Hosted on GitHub Pages.

### Spotify Organizer

- Created custom Spotify API functions to assist in playlist organization, track search, queue creation, queue saving to JSON.
- Developed TypeScript Vue components for displaying, organizing and playing tracks.
- Implemented API authentication & Vue Pinia state management for store variables (client ID & access token)

### Full Stack Database Manager

- Configured MySQL database connections and queries.
- Developed TypeScript Vue interface for viewing database tables.
- Utilized ExpressJS for server routing.
- Implemented Model-View Controllers model for handling database operations.

### Automated Youtube Video Summarizer

- Webpages refactored and built with Next.js Designed a UiPath / .Net workflow to bulk download videos & summarize text transcription using ChatGPT.
- Implemented a WhisperAI Python script for text transcription and file modification.

### React Bootstrap Ecommerce Web Clone

- Constructed a responsive layout Modified react-bootstrap components to visually imitate eCommerce website (coolshirts.com).

## HOBBIES

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Writing; Drawing; Guitar; Bouldering; Weightlifting; Tabletop games; Cooking; Table tennis; Volleyball; Chess

## REFERENCES

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Available upon request.