

ANDRES PORRAS

343-987-4950 | camilop1730@gmail.com | Ottawa | [GitHub](#) | [LinkedIn](#)

SKILLS

- **Frontend Development:** React, NextJS, HTML5, CSS3, JavaScript, Ajax, Bootstrap, Figma
- **Content Management:** WordPress, Joomla!
- **Backend Development:** Java, NodeJS, Python
- **Database:** MySQL, MongoDB, Oracle, SQL Server, PostgreSQL
- **Operating Systems:** Linux (Ubuntu, CentOS, Arch), Windows Server
- **Cloud Infrastructure:** Kubernetes, VMware vSphere
- **Networking:** TCP/IP, Wireshark, Firewall configuration, Wireless setup, subnetting
- **Development Tools:** Docker, Git/GitHub, CI/CD Pipeline, Postman, Swagger/OpenAPI
- **Design and Media:** Adobe Illustrator, Photoshop, CorelDraw

PROFILE

Full Stack Software Developer with 6+ years of experience building scalable web applications and managing enterprise-level IT infrastructure. Proven expertise in Linux server administration, network architecture design, and developing high-traffic systems serving 10,000+ monthly users. Strong track record of delivering end-to-end solutions including distributed inventory management systems, marketplace platforms, and mission-critical educational platforms. Experienced in containerization, CI/CD pipelines, and database optimization. Trilingual professional with demonstrated success in Canadian markets and enterprise environments

EDUCATION

Computer Programming Diploma, Graduated with honors 2023 - 2024
Algonquin College, Ottawa, ON, Canada **CGPA 3.66/4.0**
Programming computer, Java, OOP, Web Development, Linux, and Database

Computer Technician 2007 - 2009
Uniapel College, Bogota, Colombia **CGPA 4.2/5.0**
Software and hardware maintenance, Linux, Networking (TCP/IP), subnetting, Data Servers, Virtual Machines

EXPERIENCE

Part time Full Stack Software Developer September 2024 - Present
Acricol.com, Remote

- Developed comprehensive inventory management system for acrylic sheet sales
- Integrated payment processing and automated report generation features
- Implemented real-time inventory tracking capabilities
- Built customer portal for registered users to upload cutting files
- Streamlined production workflow through full-stack web solution
- Ensured seamless integration between sales, production, and customer service

Full Stack Software Developer May 2019 - Dec 2022
Freelance, Bogotá, Colombia

- Designed responsive user interfaces using modern front-end frameworks
- Integrated third-party APIs including payment gateways and social media sharing
- Implemented geolocation services to enhance user engagement
- Conducted thorough code reviews with development teams
- Collaborated directly with clients to refine project requirements
- Delivered tailored solutions aligned with business objectives

IT Senior technician and Web developer

Jan 2013 - April 2019

Cervantes North High School, Bogota, Colombia

- Led servers' installation and system maintenance initiatives
- Administered Linux servers and configured Fortinet Firewall systems for enterprise-level security
- Designed and implemented network subnetting architecture supporting 6,000+ concurrent users
- Architected and developed liceocervantes.edu.co website for 10,000+ monthly users
- Implemented robust backend systems capable of managing high-traffic educational platform
- Coordinated IT infrastructure projects including Wi-Fi optimization and network performance tuning
- Improved communication channels between parents and school administration
- Optimized database performance and server resources to ensure 99.9% uptime for mission-critical applications
- Built scalable communication systems connecting parents, students, and administration across the platform

More details available: liceocervantes.edu.co**VOLUNTEERS****Full Stack Software Developer**

Feb 2025 - Present

Landseed.ca, Ottawa, Canada

The Land Match platform is designed to address a land access challenge in Canada, connecting tiny house enthusiasts with landowners on one platform where they can communicate and help each other build a lifestyle they choose

- Developed full-stack property and tiny home marketplace platform
- Used React, Node.js, and MongoDB for robust platform architecture
- Implemented secure user authentication and property posting features
- Built advanced search functionality for enhanced user experience
- Integrated ROI calculation tools for property investment analysis
- Developing automated pricing recommendation engine
- Implementing legal document management system
- Building comprehensive notification system for platform efficiency

More details available: Landseed.ca**PROJECTS****Charity Portal**

Sept 2024

The Charity Portal project aims to create an efficient and user-friendly platform to manage charitable organizations' operations.

- Developed comprehensive charity management platform using MERN stack
- Created user management and volunteer administration modules
- Built event management system with integrated news portal
- Implemented OTP verification and encrypted password storage
- Integrated JWT authentication for secure user sessions
- Connected Eventbrite API for payment processing
- Integrated Gmail API for automated communications
- Utilized Postman for thorough API testing and documentation
- Ensured reliable REST API functionality across all features

More details available: [Charity Organization Portal](#) (GitHub)**LANGUAGES**

- English (Advanced)
- French (Intermediate)
- Spanish (Native)