

# ALDER PALACIOS PALACIOS

## Systems Engineer

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### SUMMARY

Systems Engineer and Data Network Management Technologist, with over three years of experience in software development, data analysis, and technological solutions focused on social, educational, and environmental impact. Currently, as his own project, he is developing Animalia AR, an augmented reality mobile app for the conservation of endangered species, integrating technologies such as ARCore, Vuforia, and Unity.

### EXPERIENCE

**Web Developer / Technological Assistant** February 2024 - August 2025  
*Universidad Tecnológica del Chocó* Chocó, Colombia

- Development of an open data repository using Python (Flask + CKAN) for the publication of educational quality indicators from more than 60 institutions in Choco.
- Support for the implementation and training of academic management systems and virtual platforms for more than 30 educational institutions in Chocó.

**Full-Stack Web Developer** September 2024 - December 2024  
*PotenciAfro* Cauca, Colombia

- Development and implementation of the PotenciAfroConéctaTech platform, with the creation of a marketplace for Afro-descendant products, with more than 60 active stores.
- Complete implementation in WordPress, improving usability and performance.

**Various projects** September 2020 - Currently  
*Freelancer* Chocó, Colombia

- Web development: Creation of a website/platform for natives council associations in Chocó.
- Web development: Creation of a page for publishing news and calls for applications for the Unión Temporal entity.
- Office management: Implementation and administration of Microsoft SharePoint and Microsoft 365.
- IT Support: Technical assistance for hardware, software and networks.
- Animalia AR: Development of a mobile application with Unity, Vuforia, and AR Foundation for the conservation of endangered wildlife species in the Pacific region.
- Programming Logic Tutor

### EDUCATION

**Fundación Universitaria Claretiana** January 2019 - September 2024  
Systems engineer Chocó, Colombia

**SENA** February 2017 - July 2019  
Data Network Management Technologist Chocó, Colombia

### SKILLS

Technical Skills: • Frontend: HTML5, CSS3, JavaScript, TypeScript (ReactJs), TailwindCSS. • Backend: PHP (Laravel, CodeIgniter), Python (Flask, Django), JavaScript (Nest.js), C# (ASP.NET Core). • Databases: MySQL, SQL Server, Entity Framework, MongoDB. • Data analysis: Python (pandas), Power BI. • Mobile development: C#, Unity 2D/3D, AR Foundation. • Desktop: C# (Console, Windows Forms). • DevOps: Docker, Git, Plastic SCM, Postman.

**Languages:** Spanish (Native), English (B1 Level)

**Certifications:** Professional Certificate English B1 (EnglishScore), Build a website with WordPress (Coursera) Basic programming and logical thinking (Platzi), Developing Applications in React 19 and ASP.NET Core (Udemy).

**Additional Skills:** • Proactivity • Troubleshooting • Leadership • Analytical and critical thinking  
• Adaptability and continuous learning