ALDER ANDRES PALACIOS

Systems engineer

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SUMMARY

Systems Engineer. Software Developer and Data Network Management Technologist with over 4 years of experience in software development and data analysis. Currently, I am developing a personal augmented reality mobile application called Animalia AR, for the conservation of endangered wildlife species, using React Native and integrating ARCore and Vuforia for an immersive and educational experience.

EXPERIENCE

Full Stack Developer - Technical Support   September 2025 - Ongoing
MundoSystem.com .EU   *Chocó, Colombia*

• Full-Stack Web Development: Design, development, and implementation of custom web solutions using technologies such as React, ASP.NET Core, Entity Framework, and SQL Server databases.

• Technical Support: Provide comprehensive technical support to users, resolving hardware and software issues to ensure optimal system performance.

• Programming Logic Instructor: Teach courses and workshops on programming logic, helping students understand the fundamentals of programming and software development.

• Basic Computer Skills Instructor: Teach basic computer concepts, including the use of operating systems, office applications, and internet browsing.

Freelance   September 2020 - Ongoing
Several clients   *Chocó, Colombia*

• Web Development: Creation of the Animalia AR landing page, an augmented reality mobile application for the conservation of endangered wildlife species in the Colombian Pacific region, using Astro.

• Web Development: Creation of the Reciclacho website, a landing page for solid waste management in the city of Quibdó, Chocó, using WordPress and PHP.

• Mobile Development: Creation of the Reciclacho mobile application for solid waste management in the city of Quibdó, Chocó, using React Native and Firebase.

• Web Development: Creation of the Narcicrochet Marketplace page for selling handmade crocheted clothing, using WordPress and WooCommerce.

• Web Development: Creation of a platform for Indigenous council associations in Chocó, for publishing community activities carried out by these associations.

• Web Development: Creation of a news and announcements website for the Unión Temporal organization, using PHP and WordPress.

• 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 using Unity, Vuforia, and AR Foundation for the conservation of endangered wildlife species in the Pacific region.

Web Developer - Technology Process Assistant   February 2024 - August 2025
Universidad Tecnologica del Chocó   *Chocó, Colombia*

• Development of an open data repository using Python (Flask, integrating CKAN) for the generation and publication of open data on the educational quality of more than 60 institutions in the Chocó department.

• Participation as a technology support staff member, providing support and training in the implementation and optimization of the system and other academic management platforms, virtual learning environments, and Saber test preparation for more than 30 educational institutions in Chocó.

Full stack developer   October 2024 - December 2024
PotenciAfro SAS   *Cauca, Colombia*

• Development and implementation of the PotenciAfroConéctaTech platform, which integrated:

• A marketplace showcasing and selling Afro-descendant products, with customizable and secure tools, and over 60 active stores.

Complete implementation using WordPress, optimizing performance and usability.

• Development of the institutional website for the Timbiqui Educational Institution, using WordPress and PHP.

EDUCATION

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

SENA   **February 2017 - July 2019**
Technologist in Data Network Management   *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, MongoDB, Entity Framework, Prisma. • Data analysis: Python (pandas), Power BI. • Mobile development: C#, Unity 2D/3D, JavaScript (React Native). • Desktop: C# (Console, Windows Forms). • DevOps: Docker, Git, Plastic SCM, Postman.

Languages: Spanish (Native), English (Intermediate B1)

Additional Skills: • Proactivity • Problem-solving • Leadership • Analytical and critical thinking • Adaptability and continuous learning

CERTIFICATIONS

• Professional Certificate English B1 (EnglishScore)   August 2024
• Construye un sitio web con Wordpress (Coursera)   October 2024
• Desarrollando Aplicaciones en React 19 y ASP.NET Core 9 (Udemy)   October 2025
• Master Web Api ASP NET Core usando Clean Architecture   December 2025