OSCAR BLANCO

Systems Engineer

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Summary

Systems Engineer with a focus on Full stack development. Expert in building scalable web applications using Node.js, React, and MySQL. Specialized in secure software architecture.

Education

B.S. in Systems Engineering   Graduated: 2024

National Open and Distance University - UNAD   Bogota, Colombia

Experience

- Fullstack Software Engineer (Independent Project) Jan 2024 – Present
- Clinipet Platform | https://github.com/oscarblanco-software-eng/clinipet-management-platform.git - Remote
- Designed and implemented a full-stack veterinary management system using React and Node.js.
- Engineered an optimized MySQL relational database schema for clinical records and user roles.
- Developed a secure authentication system using JWT and BCrypt for data protection.
- Built responsive UIs focused on clinical workflow efficiency and user experience.

Skills

Languages: JavaScript (ES6+), SQL, HTML/CSS.

Backend: Node.js, Express, REST APIs, JWT Authentication, RBAC.

Frontend: React.js, Responsive Design, Context API.

Databases: MySQL (Relational Design & Optimization).

Tools: Git, GitHub, VS Code, Postman.

Languages

Spanish (Native) | English (Intermediate Level)