

KEN MICHAEL AGUIRRE ROSADO

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Professional Profile

Systems Engineer with two three years of experience in designing, developing, and maintaining robust and efficient software solutions. I possess advanced skills in requirements analysis, programming, and project management. I have the ability to work in a team, communicate ideas clearly and effectively, and am committed to continuous improvement along with constant learning in a dynamic and ever-evolving technological environment.

Strengths

Communication, Responsibility, Crisis Management, Creativity, Dynamism.

Education

- **Primary Education:** Dr. Juan Antonio Montalvan Cornejo
- **Secondary Education:** Unidad Educativa Diez de Agosto
- **Higher Education:** Universidad Técnica de Babahoyo, Bachelor's in Systems Engineering

Languages

- **Spanish:** Native
- **English:** Intermediate level, capable of holding conversations and understanding technical documentation.

Technical Skills

- Proficient in Microsoft Office (Word, Excel, PowerPoint) for creating documents, data analysis, and effective presentations.

- Experience using Google Documents and Google Drive for collaboration and cloud document management.
- Version control and collaboration in software development using Git and GitHub.
- Strong knowledge in PostgreSQL, including database design, implementation, and optimization.
- HTML, CSS, JavaScript for creating attractive and functional user interfaces.
- React.js..
- MUI Material.
- Design in Figma.
- Node.js for developing scalable servers and applications.
- Intermediate-level TypeScript for backend and basic level for frontend, ensuring robust and maintainable code.
- Next.js.
- Nest.js.
- TypeORM for managing databases in Node.js environments.
- Express for creating web servers and RESTful APIs.
- Implementation of JWT (JSON Web Tokens) for secure authentication and authorization.

Experience and Notable Projects

With two years of experience in the web development world, including one year at Red Nueva Conexión as a web designer using technologies like Next.js, I have worked on various internal projects, such as:

- **IPv6 Calculator:** Developed in a monorepo with Turbo, using React with TypeScript and Nest.js, focused on continuous improvement and modular expansion.
- **Internet Disconnection Web Application:** Collaborated in integrating APIs like Node-RouterOS to connect a web application with Mikrotik, using Vue.js with Quasar for the frontend and Nest.js for the backend with electronic billing.
- **Multilingual Ticketing System:** A personal project in progress, consisting of a multilingual support system with real-time translation, with plans to integrate Baileys to connect with WhatsApp.
- **System for creation of authentication tokens (currently working)**