

DIEGO ALONSO BERMUDEZ LOPEZ

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PROFILE

I am a Systems Engineering student with experience in frontend, backend, and DevOps development. I aspire to continue growing in the tech field by applying my knowledge in scalable architectures, automation, and cloud deployment. I stand out for my commitment, adaptability, and problem-solving skills, always aiming to add value in challenging and innovative environments.

WORK EXPERIENCE

Full Stack Developer | Wayni

Jul 2024 – Apr 2025

Responsible for the development and implementation of technological solutions in frontend, backend, and DevOps, contributing to the creation of scalable applications with modular architectures and automated cloud deployments.

- Responsible for the development and implementation of technological solutions in frontend, backend, and DevOps, contributing to the creation of scalable applications with modular architectures and automated deployments.
- Developed frontend applications using React and Vite, including the implementation of microfrontends to modularize and optimize the user experience.
- Built backend functionalities with .NET C# within a microservices architecture, ensuring scalability and efficiency.
- Designed and optimized databases in SQL and MongoDB, including the development of stored procedures that improved query performance by 40%.
- Implemented access control and file management systems, enhancing security and permission assignment across projects.
- Automated processes using GitHub Actions (CI/CD), configuring deployment pipelines that reduced implementation time by up to 90%.
- Managed containers with Docker, enabling service portability and efficient administration.
- Deployed cloud infrastructures, optimizing costs and performance in:
 - AWS (S3, CloudFront, Lambda, EC2, RDS), improving system stability by 45%.
 - Azure Storage, reducing load times by 35%.
 - Hostinger (Linux server), ensuring availability and stability in production environments.
- Implemented and integrated APIs and external services such as Strapi for content management, Twilio for messaging, Stripe for payment gateways, and SMTP for email delivery.
- Optimized communication between frontend and backend, reducing latency by 50% and improving load times by 35%.

EDUCATION

Technological University of Peru

Mar 2021 – Present

Systems Engineering, 9th semester.

FORMACIÓN EXTRACURRICULAR

Full Web Development with HTML5, CSS3, JS AJAX, PHP, and MySQL

- Platform: Udemy
- Instructor: Juan Pablo de la Torre Valdez
- Duration: 83 hours

Databases, MySQL, Theory and Practice, Complete SQL Language, EER Diagram, AWS RDS, Cloud

- Platform: Udemy
- Instructor: Pablo Tilotta
- Duration: 21 hours

Learn Backend Programming in C# .NET

- Platform: Udemy
- Instructor: Héctor de León
- Duration: 6,5 horas

ADDITIONAL SKILLS

LANGUAGES

- Spanish: Native
- English: Intermediate

PROGRAMMING AND TECHNOLOGIES

- Frontend: React TypeScript
- Backend: .NET C#
- Bases de datos: SQL, MySQL, MongoDB
- DevOps and Deployment: GitHub Actions (CI/CD), AWS (S3, CloudFront, Lambda, EC2, RDS), Azure (Azure Storage, Azure Container Registry (ACR) – App Services, Azure Cosmos DB for Mongo)
- Services and Integrations: Strapi, Stripe, SMTP, HubSpot, Microsoft Graph
- Version Control: Git (Git Flow workflow), GitHub (repositories, pull requests, issues)

SOFT SKILLS

- Teamwork: Effective communication and collaboration with multidisciplinary teams.
- Commitment and Responsibility: Strong punctuality and focus on delivering results.
- Analytical Thinking: Efficient problem-solving and process optimization.
- Adaptability: Ability to quickly learn and apply new technologies.