Pablo **Koll**

SOFTWARE DEVELOPER · AT BALLOON GROUP

Madrid, Spain

☐ (+34) 663654345 | ✉ pablokollm@gmail.com | 🏠 www.pablokoll.com | ⬡ pablokoll | ⌁ pablokoll | 🌐 en/es | 🔗 pablo-koll

Tech skills

I enjoy discussing problems and finding possible solutions, especially when working with equally passionate people. I always seek to learn and share my knowledge whenever possible. I like working in **Linux** environments and have familiarity with cloud infrastructure, mainly with **AWS**. Throughout my career, I have developed in different programming languages, including JavaScript/**TypeScript**, Python, C++, and PHP. I have worked with various **frameworks** such as Express, Django, and React. Lately, I have focused my efforts on **NestJS** and **NextJS**. Additionally, I use **Docker** for container creation and management and **Git** for version control. At the same time, this shift has sparked my interest in various **software architecture** paradigms, such as DDD, MVC, TDD, and Clean Code.

Work Experience

Balloon Group as FastForward
Buenos Aires, Argentina

SOFTWARE ENGINEER & BACKEND DEVELOPER
Jul. 2022 - Present

- Self-managing projects from a technical perspective, understanding client needs, and ensuring development quality.
- Participating in the backend team for developing and maintaining software to synchronize Abbott's multi-instance Magento eCommerce with its Salesforce CRM, using technologies like Node.js, TypeScript, Express.js, Sequelize, PostgreSQL, Mocha, and Docker.
- Integrating the eCommerce system with the ERPs and carriers of Abbott's eight main countries in Latin America (Colombia, Peru, Argentina, Brazil, Ecuador, Chile, Costa Rica, and Mexico).
- Creating and maintaining middleware in NestJS, TypeScript, Prisma, PostgreSQL, Redis, Jest, and Docker, implementing functionalities for the eCommerce platforms of various clients like Circle K, VickyForm, and Indumex.
- Utilizing design patterns such as Singleton, Factory Method, Builder, Adapter, Decorator, and Facade.
- Applying authentication methods like OAuth2, JWT, API Keys, and Token-Based Authentication.
- Implementing Git for team collaboration and version control, differentiating between production, development, and testing environments.
- Developing and interacting with REST, SOAP, and GraphQL APIs for system communication.
- Collaborating on infrastructure architecture using Amazon Web Services (AWS) to ensure application scalability.
- Implementing CI/CD pipelines on the GitLab platform.
- Using S/FTP, HTTP/S, SSH, and Webhooks for communications.
- Applying Agile, Waterfall, and Scrum methodologies.
- Utilizing project management tools like Jira, Confluence, and Trello.

Balloon Group as FastForward
Buenos Aires, Argentina

SOFTWARE DEVELOPER & FULL STACK DEVELOPER
Nov. 2021 - Jul. 2022

- Collaborated with the design team to create interactive and responsive user interfaces using Adobe XD and Figma.
- Worked on the maintenance and development team for Toyota's CMS, using Laravel and PHP.
- Developed multiple components in React for websites, enhancing functionality and user experience.
- Implemented communication between the backend and frontend of the application.
- Maintained a WordPress site, implementing custom functionalities using PHP.
- Applied development principles such as SOLID, DRY, and KISS.
- Developed the landing page for Toyota's Hino trucks in Argentina using VueJS to promote them.
- Prioritized the implementation of effective SEO strategies to increase website visibility and traffic.

Henry
Remote, Latam

FULL STACK TEACHING ASSISTANT
Aug. 2021 - Oct. 2021

- Bootcamp Teaching Assistant (TA) for Full-Stack Development Students.
- Coordinated a group of students to ensure their integration into the study group.
- Guided students throughout the course.
- Assisted in solving exercises and promoted group collaboration (Pair Programming).
- Reviewed the GitHub repositories.
- Proposed ideas to improve Bootcamp processes.

Education

National Technological University (UTN FRGP)   *Buenos Aires, Argentina*

Associate Degree in Information Systems   *Mar. 2022 - Present*

- Currently pursuing an Associate Degree in Information Systems.

Henry   *Online, Latam*

Full Stack Web Developer   *Jul. 2021 - Oct. 2021*

- Obtained Full Stack Web Developer certification.

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