



# Juan Patricio Marroquin Gavelan

**SOFTWARE ENGINEER & DATA SCIENTIST**

**25 YEARS OLD - LIMA, PERU**

<https://patricia0312rev.github.io/portfolio/>

## DESCRIPTION

I'm 25 years old. I have a bachelor's degree in Software Engineering and multiple specializations in fields such as data science, computer science, leadership and artificial intelligence.

In my more than 9 years of work experience, I have managed to develop full-stack developer, designer, data engineer, software architect and CTO positions in multiple technology companies.

I have worked with multiple programming languages such as PHP, JS, Python, R, Java, C# and C++. Currently I focus on the development of cross-platform web systems with JS (ReactJS, NodeJS & NextJS) and the creation of artificial intelligence (Python, Dialogflow & PHP).

## PERSONAL DATA

### Date of Birth

December 3rd, 1999

### Country

Peru

### Address

San Isidro, Lima, Peru

### Civil Status

Single

## CONTACT

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## WORK EXPERIENCE

(LAST 5 - MORE DETAIL ON MY WEBSITE AND/OR LINKEDIN)

### Fullstack Software Developer

Ardent Inc.

Oct 2023 - Present

- Implemented a robust tech stack including Next.js, React, Livewire, Tailwind, Alpine.js, Styled Components, and Astro to deliver intuitive front-end interfaces.
- Used PHP & Laravel to craft versatile endpoints, integrating seamlessly with APIs like Alchemy and Moralis, managing diverse data streams with efficiency.
- Pioneered the development of a cutting-edge crypto wallet web extension using SDKs and React JS. This worked with Chrome and Firefox web browsers.

### Fullstack Software Developer

Divvy | DeFi Ventures Inc.

Oct 2022 - Sep 2023

- Refactored 100% of all company frontend repositories, reducing the total size of their files by up to 40% and increasing deployment times by up to 20%.
- Implemented a more modern technology stack to the software, using TypeScript, NextJS, Redux, React Query, TailwindCSS, and Styled Components.
- Developed numerous backend endpoints for real-time communication with the Solana blockchain and our database. Reduced vulnerabilities in repositories by 70%.
- Added geo IP services, 2FA and many other security layers using AWS.

### Senior Full Stack Developer

Turn Technologies, Inc

Dic 2021 - Dic 2022

- Led the entire Frontend team of 6 people to implement a new tech stack for the 4 company platforms. This included providing mentoring, and training to the team.
- Designed and programmed "Advise", the company's third product, a Talent Acquisition solution using Artificial Intelligence.
- Refactored the company's FE repositories using Typescript, NextJS, TailwindCSS, Redux, and Apollo/GraphQL. Increased the test coverage by 80% using Jest and RTL.
- Developed endpoints using Python, FastAPI and Flask. Deployed them using AWS services.

### Full Stack Engineer, Founder and CEO

Anqarapp E.I.R.L.

Mar 2020 - Nov 2021

- Managed to train more than 10k teachers in more than 5 Latin American countries during the pandemic.
- Planned, designed, and developed the frontend and backend of the platform using Laravel, Livewire, React.js, and TailwindCSS.
- Developed a 4-tier cloud architecture, that supported +5000 simultaneous users.
- Implemented - the adaptive teaching model to the platform, allowing all users to learn within it 24/7, through the use of AI and ML.

### Principal Software Engineer & Founder

VacunaTravel

Jan 2021 - Jul 2021

- Planned, designed, and developed the entire backend and frontend of the company, resulting in a multiplatform web system using Laravel, ReactJS, TailwindCSS and NodeJS.
- Increased test coverage by 85% in all company repositories.
- Implemented an AI that allowed the monitoring of more than 300 patients and users of the platform. I used Python, Facebook API and Tensorflow for this.

## LANGUAGES

English

Spanish

French

Portuguese

Chinese

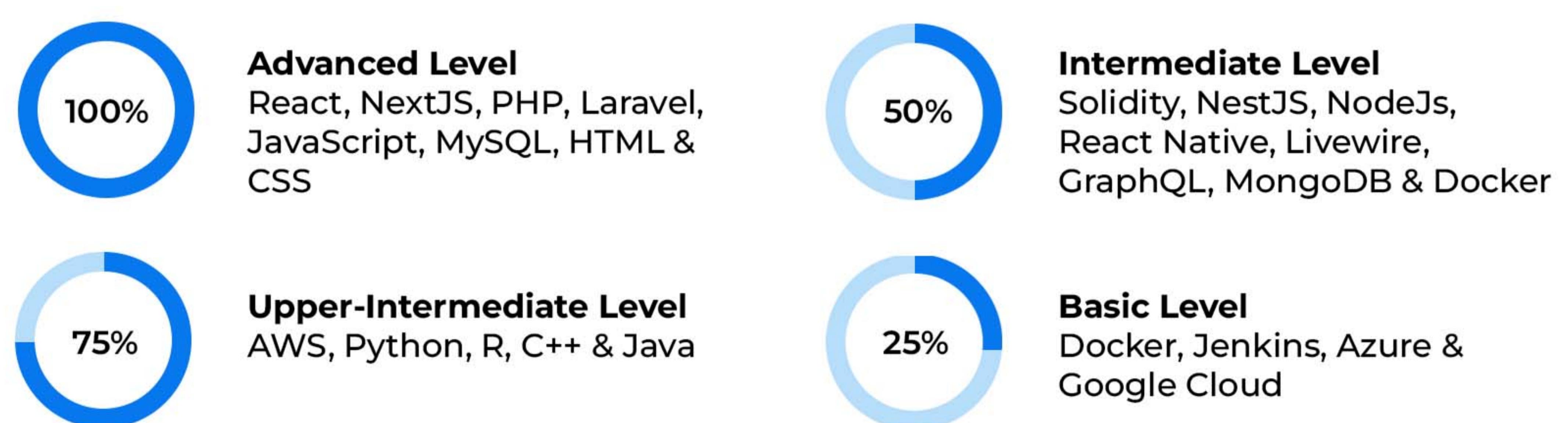
Italian



## EDUCATION

- **Master in Computer Science**  
Georgia Institute of Technology (Georgia, United States) 2024-2026
- **Specialization in Big Data Analytics**  
Deusto University (Bilbao, Spain) 2022
- **Diploma in Global Business Management**  
University of Rosario (Bogota, Colombia) 2022
- **Specialization in Computer Science**  
Autonomous University of Mexico (Mexico City, Mexico) 2021
- **Specialization in Leadership and Soft Skills**  
Harvard University (Boston, MA) 2019
- **Specialization in 5G, Cloud, Big Data & Artificial Intelligence**  
Huawei University (Shenzhen, China) 2019
- **Bachelor in Software Engineering**  
San Marcos Major National University (Lima, Peru) 2017 - 2022

## SKILLS IN SOFTWARE DEVELOPMENT



## PUBLICATIONS

- **NEKO: Proposal of the first super-agile methodology to improve work efficiency**  
ICCI 22 2022
- **Quality Evaluation Model based on ISO/IEC25010 for Cloud E-learning Platforms andbased on Laravel**  
ICCQ 22 2022
- **Five-Layer Cloud Architecture Proposal for the Laravel Framework**  
EGTET 22 2022

## SOFT SKILLS

- ✓ Teamwork
- ✓ Leadership
- ✓ Responsibility
- ✓ Resilience
- ✓ Communication
- ✓ Conflict Resolution

## AWARDS

- Huawei's Seeds for the Future (2019)
- Recognition by the President of the Republic of Peru (2019)
- Recognition by the Peruvian Congress (2019)
- Student Leader for the 21st Century by Laspau & Harvard University (2019)
- UNMSM iTalent Winner (2020)