

# WALTER ZUÑIGA H.

Portfolio: [wzuniga.github.io](https://wzuniga.github.io)

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## PERSONAL INFORMATION

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**Email:** [wzunigah@gmail.com](mailto:wzunigah@gmail.com)

**Phone:** +51 959314336

## OBJECTIVE

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I am a dedicated Full-Stack Developer with extensive experience in Java, Python, and JavaScript frameworks, aiming to leverage my skills in web development, data visualization, and data science to create innovative solutions. I seek to join an organization that values continuous learning, creativity, and impactful contributions.

## LANGUAGES

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**Spanish** (*Native*), **English** (*Advanced*), **Portuguese** (*Advanced*)

## EXPERIENCE

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### Scantech

*Java-Angular Full-Stack Developer (SSR Advanced)*

April 2023 – Present

Montevideo, Uruguay

- Lead the design, development, and maintenance of scalable web applications, focusing on both frontend and backend optimizations.
- Implement new features and improvements while conducting thorough code reviews and ensuring adherence to industry best practices.
- Work closely with cross-functional teams in an Agile environment, designing intuitive user interfaces in Figma and ensuring seamless integration with development.
- Utilize GitLab for continuous integration and deployment, Docker for containerization, and Postman for comprehensive API testing.
- Mentor junior developers and contribute to architectural decision-making.
- **Technologies:** Java Spring Boot, Angular (TypeScript), GitLab, Docker, Postman, Figma, SCRUM.

### Zoluxiones (Scotiabank)

*Java-ReactJS Full-Stack Developer (Senior)*

February 2022 – April 2023

Santiago, Chile

- Development and migration of microservices for Scotiabank Chile, ensuring secure authentication and seamless inter-service communication.
- Architected and implemented RESTful APIs, driving technical decisions and establishing coding standards across the team.
- Coordinated cross-functional teams and mentored developers, ensuring timely delivery and high-quality code in an Agile environment.
- **Technologies:** Java Spring Boot, ReactJS (TypeScript), Docker, JIRA, Swagger, Postman.

### Infobox (Nubedian)

*Java-ReactJS Full-Stack Developer (SSR)*

February 2021 – February 2022

Karlsruhe, Germany

- Developed integration systems for health institutions in Germany and a pilot ICU bed management system for the Peruvian Ministry of Health.
- Contributed to system design, implementation, and maintenance, performing rigorous code reviews and debugging as part of a semi-senior role.

- Collaborated with cross-functional teams to ensure seamless integration between frontend and backend services.
- Utilized Docker for consistent development environments, Postman for API testing, and GitLab CI/CD for efficient deployment.
- **Technologies:** Java 13, Spring Boot, ReactJS, MariaDB, Material Design, Docker, Postman, GitLab CI/CD.

#### **ANFA**

*Python Full-Stack Developer*

October 2020 – February 2021

*Arequipa, Perú*

- Developed a system to automate invoice submissions to SUNAT via SAP Business One, integrating RESTful APIs and leveraging GitHub for version control.
- **Technologies:** ODOO v12, JavaEE v8, QWeb, PostgreSQL, Bootstrap.

#### **Fundação Getulio Vargas (FGV)**

*Data Scientist*

June 2019 – October 2020

*Rio de Janeiro, Brazil*

- Created an interactive visualization platform for detecting spatio-temporal anomalies in data, enhancing decision-making processes.
- **Technologies:** Django, Django REST Framework, ReactJS, D3.js, Deck.gl, react-map-gl, Bootstrap, Python libraries (pandas, numpy, numba, altair, plotly).

#### **InkaLabs**

*Python-ReactJS Full-Stack Developer*

June 2020 – September 2020

*Arequipa, Perú*

- Designed and implemented an online sales system with an integrated payment gateway and investment control module, following SCRUM methodologies.
- **Technologies:** ReactJS (TypeScript/JavaScript), Django, Django REST Framework, GraphQL.

#### **Art Atlas**

*Python Full-Stack Developer*

March 2016 – April 2018

*Arequipa, Perú*

- Developed ERP systems for internal product control and production management, integrating SAP Business One via web services.
- Managed version control with GitHub and generated detailed operational reports.
- **Technologies:** ODOO v8, Java 7/8, JavaEE v8, SOAP, QWeb, GitHub.

## **EDUCATION**

#### **Universidad Católica San Pablo, Arequipa**

Candidate for Master in Computer Science

*May 2018 – December 2019*

#### **Universidad Nacional de San Agustín, Arequipa**

Bachelor in Systems Engineering

*April 2013 – December 2017*

## **TECHNICAL STRENGTHS**

#### **Programming Languages Frameworks (Back-End)**

Java, Python, JavaScript/TypeScript, C/C++  
Django, Django REST Framework, Odoo, FastAPI, Flask, Spring,  
Spring Boot, Hibernate, NodeJS, GraphQL.

#### **Frameworks (Front-End)**

Angular, ReactJS, NodeJS, JQuery, D3.js, Deck.gl, React-Map-gl,  
Bootstrap.

#### **Databases**

MongoDB, MySQL, MariaDB, PostgreSQL, SQL Server, Oracle.

#### **Testing & Tools**

Selenium, Puppeteer, Scrapy, Git (GitLab, GitHub, Bitbucket),  
Postman, Linux (Ubuntu, Debian).

#### **Development Methodologies**

Agile (SCRUM)

## RELEVANT SCIENCE PROJECTS

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### **Anomaly Detection in Spatio-Temporal Traffic Data**

Developed a system to identify global, collective, and contextual anomalies in spatio-temporal traffic datasets. Utilized statistical data depth methods and advanced visualization techniques to enhance anomaly detection accuracy.

### **Biomass Monitoring in the Peruvian Highlands**

Designed an enhanced biomass detection algorithm leveraging NDVI analysis with PeruSat-1 satellite and drone imagery. Applied image segmentation and neural network classifiers using TensorFlow to improve classification precision and environmental monitoring.