

Saúl Zalimben

SOFTWARE ENGINEER

Fernando de la Mora, Paraguay

✉ szalimben93@gmail.com | 📱 Zalimben | 🌐 Saúl Zalimben

Software Engineer with more than 6 years of experience in fullstack software development. Experienced in creating high-quality code considering the best coding practices, architectural patterns and performance, and leading small development teams.

Education

Engineer's Degree, Computer Science

FACULTAD POLITÉCNICA - UNIVERSIDAD NACIONAL DE ASUNCIÓN (FP-UNA)

Coursework: Algorithms and Data Structures. Multi-objective optimization

San Lorenzo, Paraguay

Mar. 2011 - 2015

Diploma, Didactics in Higher Education

FACULTAD POLITÉCNICA - UNIVERSIDAD NACIONAL DE ASUNCIÓN (FP-UNA)

Coursework: Learning Methods, Methods of Instruction, Methods of Evaluation

San Lorenzo, Paraguay

Mar. 2017 - Dec. 2017

Diploma, Cathedra in Science, Technology and Society

CONSEJO NACIONAL DE CIENCIA Y TECNOLOGÍA (CONACYT)

Coursework: Teaching-learning process of science and technology in social contexts

San Lorenzo, Paraguay

Mar. 2019 - Dec. 2019

Diploma, Public Politics

UNIVERSIDAD COMUNERA (UCOM))

Coursework: Political philosophy, economy, laws and rights

Asunción, Paraguay

Sep. 2020 - Feb. 2021

Professional Experience

Lead Software Engineer

PROJECT: ENTERPRISE RESOURCE PLANNING (ERP) SYSTEM

- Led developers both in technical and agile good practices.
- Handled communication with Product Owners and CTO's company.
- Proposed and implemented tests to increase reliability.
- Led the adoption of functional tests and unit tests.
- Improved project performance by implementing design principles and patterns.
- Technology and Tools: Java, MS SQL Server, Pebble, Selenide and Sprint Framework.

Dennis Kirk Inc, (Software Natura)

May 2019 - Present

Software Engineer

PROJECT: HIGHER EDUCATION PLATFORM

- Led junior developers both in technical and agile good practices.
- Handled communication with Product Owners and clients.
- Implemented features for an educational platform for colleges.
- Increased product reliability through redesigning application architecture.
- Incorporated new modules using microservices-based architectures.
- Databases Management using SQL Server, MySQL and ANSI SQL.
- Technology and Tools: Java, MySQL, AngularJS/Angular and Rest Services.

eLumen Inc, (Software Natura)

Jan. 2016 - Abr. 2019

Software Developer

PROJECT: HOSPITAL MANAGEMENT SYSTEM

- Implemented features for the Hospital Management System of the Hospital of Clinics.
- Increased code quality through fixing code vulnerabilities.
- Improved the user experience by applying UI/UX principles.
- Technology and Tools: Java, PostgreSQL, Liquibase, JSF/PrimeFaces and Spring Framework.

Clúster de Investigación Aplicada

Mar. 2015 - Dec. 2015

Skills

Languages Spanish (Native), English

Soft Skills Great Communication, Leadership, Quick Learner, Agile Methodologies

Hard Skills Java, Git/Version Control, Design Patterns, Testing Patterns, Code Quality Assurance
Systems Architecture, Web Development, Spring/Spring Boot, Relational Databases

Licenses & Certifications

Scrum Foundation Professional Certificate (SFPC)

CREDENTIAL ID: JLSRSKDPSS-VVNCNVCV-YBJQQRGGSR

Certiprof

Jun, 2020

Honors & Awards

2018 **1st Place**, National Science Award 2018

Asunción, Paraguay

Writing

Una pequeña guía de Organización Organizacional [Spanish]

AUTHOR

- URL: shorturl.at/ftwV1

Online

Ago. 2021

Reducción de Embarazos Adolescentes en Paraguay [Spanish]

AUTHOR

- URL: shorturl.at/jnvK2

Online

Jul. 2021

Una pequeña guía de Scrum [Spanish]

AUTHOR

- URL: shorturl.at/rwSV9

Online

Ago. 2020

Virtual machine placement for elastic infrastructures in overbooked cloud computing datacenters under uncertainty

Co-AUTHOR

- The International Journal of eScience.
- DOI: <https://doi.org/10.1016/j.future.2017.09.021>

Future Generation Computer Systems

Sep. 2017

Evaluating a Two-Phase Virtual Machine Placement Optimization Scheme for Cloud Computing Datacenters

Co-AUTHOR

- The MIC is the main event that focuses on the progress of the metaheuristic area and its applications.
- URL: shorturl.at/jwAU4

Metaheuristics International Conference

Barcelona, Jul. 2017

An Experimental Comparison of Algorithms for Virtual Machine Placement Considering Many Objectives

Co-AUTHOR

- The workshop encompasses data communications research focused on problems of particular interest in Latin America and the Caribbean.
- DOI: <https://dl.acm.org/doi/10.1145/2998373.2998374>

9th IFIP Latin America Networking Conference

Valparaíso, Oct. 2016