

Eliã Rafael de Lima Batista

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EDUCATION

University of Lugano (USI) <i>PhD in Informatics</i>	Lugano, TI 2021 – Present
PUC-RS <i>MSc in Computer Science</i>	Porto Alegre, Brazil 2018 – 2020
PUC-RS <i>BSc in Computer Science</i>	Porto Alegre, Brazil 2006 – 2011

EXPERIENCE

PhD Researcher <i>University of Lugano (USI)</i> <ul style="list-style-type: none">Research and development on distributed dependable systems	Feb. 2021 – Present Lugano, TI
Senior Software Developer <i>Compasso UOL</i> <ul style="list-style-type: none">Full-stack Web Developer — React, Node.jsMobile App Developer — React Native, RESTful APIs	2017 – 2020 Brazil, RS
System Analyst <i>Bem Promotora</i> <ul style="list-style-type: none">Analyzed and documented new ERP system features to support business process improvementsDeveloped and optimized stored procedures in SQL Server for data processing and reporting	2014 – 2017 Brazil, RS
Software Developer <i>DBServer</i> <ul style="list-style-type: none">Developed and maintained ERP modules using Microsoft Visual Basic to streamline business operationsIntegrated and managed backend logic with SQL Server for efficient data storage and retrieval	2010 – 2013 Brazil, RS

TECHNICAL SKILLS

Languages Spoken: Portuguese (native), English (fluent), Italian (intermediate)
Languages: JavaScript, HTML/CSS, Java, C/C++, SQL (SQL Server), Go, PHP, Visual Basic
Frameworks, Methodologies & Libraries: React, Node.js, React Native, Next.js, Material-UI, Express.js, Agile, SCRUM
Developer Tools & Platforms: Git, Docker, VS Code, Visual Studio, IntelliJ, Eclipse, Postman, Swagger
Databases & Storage: SQL Server, PostgreSQL, Firebase Realtime Database, Firestore
Cloud Services: Firebase Hosting, Firebase Authentication, Firebase Functions
Distributed Systems: State Machine Replication, Atomic Broadcast, BFTSMaRt, Paxos
Personal Hobby Project: wondersofswitzerland.com — a hobby project written in Next.js showcasing family-friendly destinations across Switzerland