



# Paulo Henrique Eli

Software Architect | Master's Degree

📍 Criciúma, Santa Catarina, Brazil

🎂 January 20, 1989

✉️ pauloh.eli@outlook.com

☎️ +55 48 99644-2864

🌐 pauloeli.dev

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🐙 pauloeli

I am a Software Architect, with a Master's degree in Information and Communication Technology from the Federal University of Santa Catarina (UFSC). In my current role, I am a key member of the team responsible for crafting and maintaining the extension stack for a range of critical applications. These applications encompass diverse functionalities, including report generation, custom fields, and custom scripts. I actively contribute to feature development.

## WORK EXPERIENCE

### Betha Sistemas Ltda

(May 01, 2016 - Present)

Software Architect

Software Architect in the Research and Development team. Activities focused on scalability, cost and stability. Active participation in the code review process and analysis of implementations. Experience in supporting critical incidents and/or service interruptions. Experience in migrating legacy data from structured databases to documents and migrating databases with tens of millions of records. Main technologies and frameworks: Java, Micronaut, Micronaut Reactor, WildFly, Mongo DB Atlas, PostgreSQL, AWS, SNS/SQS.

⇒ [betha.com.br](https://betha.com.br)

### Sistema Informática Empresarial

(June 01, 2012 - May 01, 2016)

Senior Software Developer

Software Architect in the newly created Research and Development sector. Responsible for developing the initial architecture of the ATS platform. Implementation of the data management model and platform architecture and documentation. Responsible for implementing the interfaces for communication with the mobile devices (IOT) installed in the trucks. Main technologies and frameworks: C#, ASP.NET MVC, SQL Server, SAP Business One SDK, Javascript and others.

⇒ [sistemainfo.com.br](https://sistemainfo.com.br)

### DBTRANS S/A

(April 01, 2011 - June 01, 2012)

Software Developer

Development and implementation of the e-Pedagio System at DBTrans. This system allows for the advance issuance of mandatory toll vouchers in electronic coupons, which can be printed on security paper. My activities on this project included CSharp programming with an MVC framework and integration with Microsoft SQL Server.

⇒ [dbtrans.com.br](https://dbtrans.com.br)

### Timing Engineering and IT

(January 01, 2008 - April 01, 2011)

Software Developer

Development and implementation of an Enterprise Resource Planning (ERP) system, tailored for the manufacturing industry, specifically in the fields of nautical, metallurgy, and paints. My activities involved working on requirement definition and alignment with business analysts, as well as client implementation. I used technologies such as Intersystems Cache (Super Mumps), HTML, and jQuery frameworks in the process.

## SKILLS

### Backend

Java, Micronaut, Reactor, Spring, WildFly, NodeJS, Kubernetes, Terraform

### Database

Postgres, MongoDB, MongoDB Atlas, ElasticSearch, DynamoDB

### Frontend

Angular, Angular 9+, Javascript, Typescript

### Cloud

Providers  
AWS, Google Cloud

### CI/CD

Docker, Git

## STUDYING & PLAYING

### Rust

Go

Vue.js

Python

## EDUCATION

### Federal University of Santa Catarina

Master's Degree, Information and Communication Technology

(January 01, 2015 - January 01, 2017)

Promote innovation in support of computer technology for the development of educational, management and computer technology. Computer technologies will be studied as a basis for the development of tools / solutions / methodologies that promote the advancement of teaching and learning or for the advancement of general management processes.

⇒ [ppgtic.ufsc.br](http://ppgtic.ufsc.br)

## PUBLICATIONS

### Development of an environment to support the teaching of algorithms and programming: using blockly

Federal University of Santa Catarina

(December 31, 2017)

Recent technological advancements and the growth of information have increased the demand for new skills, particularly in STEM education and programming in higher education, with this study aiming to create an ICT-based teaching environment called "Portal Saber" to enhance students' competencies in Santa Catarina.

⇒ [bit.ly/47a3i9P](https://bit.ly/47a3i9P)

## PROJECTS

### Saber

Teaching and learning of the algorithm development process

Project facilitates the development, teaching and learning of the algorithm development process. The project has been designed to dispense with advanced technical knowledge of web application development. This characteristic can be seen in the organization of the folders and methodologies related to the coding of the parts.

⇒ <https://github.com/pauloeli/saber>

### ESUCRI

Bachelor of Information Systems, Information Systems

(January 01, 2007 - December 31, 2010)  
Honor: 10/10

Skills development in the areas of programming, systems analysis, database, Internet, information management, knowledge management, communication, entertainment and other areas of information technology. Skills to work in computer areas in organizations, in house software, consulting or in the business itself.

⇒ [esucri.com.br](http://esucri.com.br)

### Technology Parks

Federal University of Santa Catarina

(January 01, 2016)

Technology parks, primarily established in developed countries near educational institutions, aim to drive innovation, economic growth, and regional development, with Brazil starting to emphasize such initiatives after 2000.

⇒ [bit.ly/3MkXwKI](https://bit.ly/3MkXwKI)

INTERESTS

Tecnology  
Machine  
Learning,  
Security,  
Containers,  
Microservices,  
CI/CD,  
Document  
Databases, AWS

Human  
Sciences  
Philosophy,  
History,  
Psychology

Activities  
Wing Tsun,  
Soccer,  
Volleyball

Vídeos  
Economy,  
World, Culture,  
Curiosities

LANGUAGES

Brazilian  
Portuguese  
Native  
■■■■■■■■■■

English  
Intermediate  
■■■■■□□□

SOFT SKILLS

Accountability      Problem Solving      Organization      Team Work

Empathy      Communication      Critical thinking

CERTIFICATIONS

**SAP Business One SDK Classic Developer**      (May 29, 2013)  
SAP  
SAP Business One (SAP B1) is an enterprise resource planning (ERP) software solution designed for small and medium-sized businesses. The SAP Business One Software Development Kit (SDK) Classic Developer is a set of tools, libraries, and resources provided by SAP to allow developers to customize and extend the functionality of SAP Business One.

**IFPUG Functional Size Measurement Method**      (April 23, 2018)  
Fatto Consultoria e Sistemas  
A function point is a unit of measurement used to express the amount of business functionality an information system provides to a user. The cost of a single unit is calculated from past projects. Function points are the units of measure used by the IFPUG Functional Size Measurement Method.  
⇒ <https://bit.ly/34QAI9G>

COURSES

**Java 2021: From beginner to professional**  
Java Fundamentals, Object Orientation, Functional Programming, MySQL, MongoDB, Spring Boot, JavaFX, JPA, Hibernate and others.  
⇒ <https://bit.ly/3FbIZv6>

**JAVA Design Patterns**  
It addresses cataloged knowledge widely used in the software community, which are the GoF design patterns.  
⇒ <https://bit.ly/3rO9jXy>

**Blockchain Advanced**  
The content covers concepts and applications of Blockchain, cryptocurrencies, web 3.0, among other topics.

**Docker and Kubernetes: The Complete Guide**  
Build, test, and deploy Docker applications with Kubernetes while learning production-style development workflows.  
⇒ <https://bit.ly/3mKUmUo>

**EXIN PDPE Essentials: Lei Geral de Proteção de Dados LGPD**  
EXIN PDPE: Privacy and Data Protection Essentials.  
⇒ <https://bit.ly/3mJhNgV>

**Big Data & Analytics**  
The content covers concepts and applications of: Data, Text and Opinion Mining; Big Data Governance; Hands On: Data Visualization: Tableau and others.