Pablo Ricardo **Roxo** Silva

Salvador, Bahia, Brazil (ready to travel and/or relocate)

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As a computer scientist and software engineer, I love absolute everything about computing and programming.
Looking for job positions as full stack developer. My major experience is with Laravel, Vue.js and Flutter.
I'm also open to work with other stacks such as Angular, React + Native, Node, Express, Nest, C#, Python, Go, Flutter, Kotlin, Swift… since I have some time get ready.
Experienced in RESTful APIs, databases (relational or not), software requirements and user point of view. Willing to be a software architect.

Languages

🇧🇷 Portuguese – Native   🇺🇸 English – Advanced   🇪🇸 Spanish – Advanced   🇫🇷 French – Basic

Education

Specialization in Data Science & Big Data	Specialization in Mobile Apps Development	Bachelor's in Computer Science
Pontifícia Universidade Católica de Minas Gerais (PUC Minas)	Serviço Nacional de Aprendizagem Industrial (SENAI)	Universidade Salvador (UNIFACS)
Completed – 2019 to 2021	Completed – 2016 to 2018	Completed – 2009 to 2014

Work experience

Actual job

None.

Previous jobs

Full time/part time

- Software Engineer – PHP, Laravel, Vue.js, JavaScript, Bootstrap, MongoDB, Redis, Beanstalkd, S3, Docker
Jettax Automação Fiscal – September/2021 until October/2022
- College Teacher (part-time, two days a week, night shift)
Subjects: Algorithms; Object-Oriented Programming, Web Development (frontend); and Web Development (backend)
União Metropolitana de Educação e Cultura (UNIME) – January/2021 until December/2022 (temporary: 2 semesters)
- SR Software Engineer – PHP, Laravel, Vue.js, JavaScript, SQL Server, MongoDB, Robot, Swagger
Capgemini – July/2020 until September/2021
- Software Engineer – PHP, Laravel, Lumen, JavaScript, jQuery, Bootstrap, Flutter, Dart, IONIC, Angular, TypeScript, SQL Server, Firebird
Assembleia Legislativa da Bahia (ALBA) – May/2019 until June/2020
- JR Software Engineer – PHP, CodeIgniter, JavaScript, PostgreSQL, Docker
eCGlobal – August/2018 until November/2018
- JR Software Engineer – Java, Camunda, Cassandra
Ericsson Inovação S. A. (EISA) – August/2017 until November/2017
- Researcher – OpenCV, C/C++, MATLAB, LaTeX
Fundo de Amparo à Pesquisa no Estado da Bahia (FAPESB) – September/2015 until August/2016 (temporary: 1 year)
- Technical School Teacher
Subjects: Algorithms; Object-oriented Programming; Databases; Web Development (frontend); Web Development (backend); Applied Math; and Completion of Course Work
Serviço Nacional de Aprendizagem Industrial (SENAI) – February/2014 until February/2015 (temporary: 1 year)
- JR Software Engineer – Delphi, Firebird
Colégio e Faculdade São Tomaz de Aquino – November/2006 until January/2009

Temporary

- Software Engineer – PHP, Laravel, JavaScript, MySQL
Sábio Portal Educacional – August/2019 until March/2020 (freelancer)
- Software Engineer – JavaScript, Boostrap, IONIC, Angular, TypeScript
StartOnApp – October/2018 until May/2019 (freelancer)
- Software Engineer – PHP, JavaScript, jQuery, MySQL
Serviço Nacional de Aprendizagem Industrial (SENAI) – November/2017 until February/2018 (3 months)
- College Teacher
Subjects: Projects of Applications
Serviço Nacional de Aprendizagem Industrial (SENAI) – August/2017 until August/2017 (60 hours)
- Software Engineer – PHP, JavaScript, jQuery, Bootstrap, IONIC, Angular, TypeScript, MySQL
Quântica Comunicação Digital – March/2017 until June/2017 (freelancer)
- Software Engineer – PHP, JavaScript, jQuery, MySQL
Serviço Nacional de Aprendizagem Industrial (SENAI) – September/2016 until December/2016 (3 months)
- Technical School Teacher
Subjects: Data Modelling; Atelier Platform Development; Microsoft Windows; and Microsoft Office
Centro Tecnológico Social do Pelourinho e Dossier Digital – January/2011 until November/2011 (10 months)

Intern

- College Teacher
Subject: Algorithms
Universidade Federal da Bahia (UFBA) – May/2017 until September/2017 (temporary: 1 semester)
- Software Engineer – PHP, MySQL
CNP Promotora – Correspondente Bradesco Promotora – April/2012 until February/2013
- Software Engineer – Delphi, Firebird
RH Soft – November/2011 until March/2012
- Software Engineer – PHP, JavaScript, MySQL
eCGlobal – November/2009 until January/2011
- Technical Support
Faculdade Área 1 – April/2009 until September/2009

Published papers

- ROXO. P.; MARQUES NETO, M. C. 2DrowSys: An Anti-drowsiness Device for Motorcyclists. In: WEBMEDIA'21 – XXVII Simpósio Brasileiro de Sistemas Multimídia e Web. São João del Rei-MG. 2021.
- ROXO. P.; SALVADOR, L. do N. BlinALT: Projeto de um Sistema Colaborativo de Audiodescrição de Imagens para Deficientes Visuais. In: WEPGCOMP'17 – II Workshop de Estudantes do Programa de Pós-graduação em Ciência da Computação. Salvador-BA. 2017.
- PENHA, J. P. G.; ROXO, P.; OLIVEIRA, L. R. Visual Analysis of Morphological Features of Live Cattle From RGB-D-T Data. In: SIBGRAPI'16 – XXIX Conference on Graphics, Patterns and Images. São José dos Campos-SP. 2016.

Participation in hackathons

- Competitor at HackSerpro: Inovação pelo Brasil (Serpro, 2020)
- Mentor and technical appraiser at Hackathon MPBA 2019: Maratona de Programação em Prol da Sociedade (MPBA, 2019)
- Mentor at Maratona de Inovação: Hackathon + UJ (Unijorge, 2018)

Courses given

- Manipulating and testing the frontend with Robot Framework (3h, UNIME, 2021)
- Manipulating and testing the backend with Postman (3h, UNIME, 2021)
- A full application in PHP/Laravel (3h, UNIME, 2021)
- Software versioning with Git (3h, UNIME, 2021)
- Laravel: Hands On! (8h, Espaço Colabore, 2019)
- Mobile apps development (IONIC) with webservice manipulation (PHP) (4h, UFBA, 2019)
- Digital Image Processing: applications with OpenCV in C/C++ (4h, UFBA, 2015)

Lectures given

- IT Professional's Career Ahead to 2023 (2h, ICEIA, 2023)
- Assistive Technology: Computer Science as human function restorer of people with disabilities (1h, UFBA, 2019)
- BlinG: a gamebook platform for mobile devices and users with visual impairment (1h, SENAI, 2018)
- Digital Image Processing: a theoretical and practical introduction with OpenCV (1h, UFBA, 2015)
- Ubiquitous Computing: omnipresence of technology (2h, SENAI, 2014)
- Location-based mobile games: aa project of a location-based game (1h, UNIFACS, 2013)
- The relevance of Mathematics' subjects in Computer Science course (1h, UNIFACS, 2013)

Courses taken

- Flutter Hands On: From scratch to app (8h, Espaço Colabore, 2023)
- Fundamentals of Backend Communications and Protocols (26h, Udemy, 2023)
- Robot Beginner with Selenium Webdriver (5h, QAninja Academy, 2021)
- Creating your first Flutter app (2h, Balta, 2020)
- Algorithms with Dart (5h, Balta, 2020)
- Laravel 5.3 Course – Systems with PHP (2h, EspecializaTI, 2019)
- Computational Reasoning (4h, UFBA, 2018)
- Introduction to test automation in the context of the Java language (6h, UFBA, 2017)
- #PraCegoVer: Image description course for social networks (4h, ALBA, 2017)
- Web Development with Java in Practice (3h, UFBA, 2015)
- Android application development (8h, LinguÁgil, 2012)
- HTML5 and CSS3 in practice (8h, LinguÁgil, 2012)
- Android application development (8h, LinguÁgil, 2011)
- Object-oriented JavaScript (4h, UNIFACS, 2010)
- Java SE and MySQL (60h, Área 1, 2009)
- UML 2.0 (16h, TecKnow, 2009)
- Mobile applications and games with Java ME (8h, UNIFACS, 2009)
- Installation and maintenance of computers and networks (120h, SOS Computadores, 2007)
- Robotics with Lego Mindstorm (8h, UNIFACS, 2006)

Lectures taken

- Unidev Tech Day: Blockchain and Bitcoin (3h, UNIME, 2022)
- Artificial Intelligence applied in companies (2h, SEBRAE, 2022)
- Web automation (web-scraping) with Python (2h, Hashtag Treinamentos, 2021)
- Complete project of Data Science + Machine Learning (2h, Hashtag Treinamentos, 2021)
- Data analysis with Python (2h, Hashtag Treinamentos, 2021)
- Automation of processes and tasks with Python (2h, Hashtag Treinamentos, 2021)
- Introduction to test automation in the context of the Java language (7h, UFBA, 2017)
- Assistive Technology and Accessibility in the educational context (2h, UFBA, 2017)
- The Researcher's Career in Computer Science (2h, UFBA, 2015)
- Web Components: An increasingly present future (1h, LinguÁgil, 2014)
- Android Development: A new form of entrepreneurship (3h, SENAC, 2014)
- Version Control with Git (4h, ERBASE, 2013)
- Vehicle Networks: Models and Applications (4h, ERBASE, 2013)
- Software Variability (4h, ERBASE, 2013)
- Android application development (4h, ERBASE, 2012)
- User interface in mobile applications (4h, ERBASE, 2012)
- Context-sensitive mobile computing (4h, ERBASE, 2012)
- Crimes on the Internet (2h, UNIFACS, 2009)
- Interactive applications for Digital TV (2h, UNIFACS, 2009)
- Diversity in programming languages (2h, UNIFACS, 2009)
- ITIL and COBIT (3h, FIB, 2009)
- iOS x Android (2h, UNIFACS, 2009)

Events

- XXVII WebMedia (speaker, 2021)
- Cursos de Férias UNIME (speaker, 2021)
- LinguÁgil 2018 (2018)
- Interações (2018)
- II WEPGCOMP (speaker, 2017)
- Campus Party SP 2017 (2017)
- SEMCOMP 2015 (speaker, 2015)
- XXVIII SIBGRAPI (staff, 2015)
- Mundo SENAI (speaker, 2014)
- LinguÁgil 2014 (2014)
- GDG DevFest Nordeste (2014)
- GDG TechTalk (2014)
- XIII ERBASE (2013)
- SEMCOMP 2013 (speaker, 2013)
- LinguÁgil 2012 (2012)
- XII ERBASE (2012)
- SEMCOMP 2012 (staff, 2012)
- LinguÁgil 2011 (2011)
- Blender Day 2011 (2011)
- CloudCamp Day (2011)
- LinguÁgil 2010 (2010)
- III Semana TIC da Bahia (2009)
- II Semana TIC da Bahia (2008)

Volunteer work

- Introduction to the use of computers, Office and Internet in social projects (15h, UNIFACS, 2013)
- Introduction to the use of computers, Office and Internet in social projects (18h, UNIFACS, 2010)