



Curriculum vitae

PERSONAL INFORMATION

Thales Vinicius Gomes Pereira

Software developer who focuses on meeting client's expectations.

10+ years of experience. Full-stack developer with greater focus on back-end.

Experience in AI optimization techniques.

WORK EXPERIENCE

Senior Software Engineer

Accenture

07/2017 - Present

- Coding big-data ingestion platform. Uses C#, Shell Script, SQL Server, Hadoop.
- Mentoring junior developers.
- Enforced product quality and mediated teams across different countries to create a POC to present to a new client. Was praised by directors and company leadership.
- Modeled, proof-checked and coded API for a financial sector application. Used AWS, Java, 3rd-party APIs.
- Coded cluster-based application to process big data. Used Scala, Spark, Cassandra, MongoDB.

PHP Developer

Qualinfo

02/2015 - 07/2017

- Maintained web-based ERP for Academic sector. Responsible for back and front ends, database and deploying updates. Used PHP, MySQL, SQL Server, MS Access, Laravel.
- Expanded application by adding Paypal online payment and Google SSO.
- Analyzed, modeled and documented application work flow using Bizagi Modeler.
- Promoted to team leader.

System Programmer

Bemind

06/2014 - 11/2014

- Coded front and back ends of web-based solution for financial sector. Used Ruby, mySQL, Oracle DB.

Independent Consultant

Zenite

02/2014 - 06/2014

- Coded back and front ends of a web-based ERP for construction sector. Used C#, ASP.Net, Entity Framework, Telerik's KendoUI and SAP Crystal Reports.



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Software Engineer

Avanade

05/2013 - 02/2014

- Coded web applications. Worked on front and back ends.
- Documented software requisites.

Independent Consultant

Zenite

04/2012 - 10/2012

- Gathered requirements with client.
- Modeled and coded back and front ends as database for an internal web-based help desk system. Integrated application with other systems. Used VB.net, SQL Server, MS Active Directory.
- Tested and documented application. Wrote user manual.

Technician on Traffic Designs

Serttel

05/2006 - 11/2009

- Researched and developed AI for optimizing vehicle flow in a city. Further optimized AI later on.
- Negotiated with government clients. Solution was sold to 4 other cities besides the original.

EDUCATION AND TRAINING

2012 - Bachelor's Degree in Computer Science
 Universidade Federal de Pernambuco (UFPE), Brazil

PERSONAL SKILLS

Mother tongue(s) Portuguese

Other language(s)	UNDERSTANDING	SPEAKING	WRITING
English	Advanced	Advanced	Advanced
Spanish	Intermediary	Intermediary	Intermediary
Japanese	Basic	Basic	Basic

Side projects

SAPA

An artificial intelligent software for automated generation of college classes' timetables. Given the restrictions, the software used its AI to heuristically search a vast number of possibilities and give a feasible timetable that can be applied in real world, making a computer do in a few minutes or hours what humans usually take weeks.

Job-related skills

Certification	Year
AWS Certified Cloud Practitioner	2020
Zend Certified PHP Engineer	2017



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Exam 483: Programming in C#

2014

Exam 480: Programming in HTML5 with JavaScript and CSS3

2013

Skills by group (most know at top)		
Back-end		
C#	C++	
Java	PHP	
Scala	Laravel	
.Net Core	ASP.Net	
Python	Spark	
nUnit	Selenium	
Entity	Hibernate	
Ruby	Node.js	
Databases		
MySQL	SQL Serve	
Cassandra	Mongo D	
Oracle		
Front-end		
Javascript	jQuery	
HTML5	CSS3	
Win Forms	WPF	
OpenGL	DirectX	
Version Control		
Git	SVN	TFS
Cloud		
AWS	MS Azure	
Google Cloud		
3rd-party Integration		
Google SSO	Paypal	
Virtualization		
Docker	Virtual Bo	
Mobile		
Xamarin	Android	
Processes		
Scrum	Kanban	
XP	UML	
RUP		
Art		
Photoshop		
Game Engines		
Unity3D	Construct	