PIERRE I LOPEZ BARBOSA

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PERSONAL INFORMATION

Date of birth	January 31, 1985
Place of birth	Willemstad, Curaçao
Nationality	Dutch
Gender	Male
LinkedIn Profile	https://www.linkedin.com/in/pilobadev

EDUCATION

Master of Science - Computer Science track Information Architecture	**2009 – 2015**
Delft University of Technology	The Netherlands
Graduated	

Bridging course for Master of Science in Computer Science	**2007 – 2009**
Delft University of Technology	The Netherlands
Graduated	

Bachelor of Science - Information Technology	**2003 – 2007**
University of the Netherlands Antilles	Curaçao
Graduated - *Summa Cum Laude*	

Pre-University High School (VWO - university preparatory education)	**1997 – 2003**
Radulphus College	Curaçao
Graduated	

PROFESSIONAL EXPERIENCE

University of Curaçao Dr. Moises da Costa Gomez	**Feb 2017 – Present**
Part-time lecturer in Computer Science / Software Engineering	Curaçao

Courses taught:

- Introduction to Computers and Programming (Java)
- Object Oriented Programming (Java)
- Advanced Programming & Data Structures (Java)
- Game Development (Godot Open-Source Game Engine)
- Mobile App Development (Flutter/React Native)
- Android App Development
- Operating Systems

Frater Aurelio SBO	**Oct 2024 – Present**
Part-time lecturer in Web & Software Development	Curaçao

Courses taught:

- Introduction to Web Development using HTML, CSS & JavaScript
- Systems development using Python

Loba Tech B.V.	**Dec 2016 – Present**
Founder / Freelance Senior Full-stack Software Engineer	Curaçao

- Founded Loba Tech to deliver full-stack solutions across various industries, among others: insurance, healthcare, tourism, and public safety.
- Led custom development, architecture design, and client negotiations for a variety of mobile, web, and API projects.

ICTual N.V.
Full-stack Software Engineer/Mobile App Developer

Jan 2013 – Feb 2017
Curaçao

- Contributed to projects throughout the full lifecycle—from requirements gathering to deployment—for both enterprise and mobile solutions.
- Integrated proprietary client systems with Ictual's telecom platform components.
- Managed Ubuntu Linux servers and ensured continuous server uptime.

Delft University of Technology
MSc. Graduate Project – IP Multimedia Subsystem Messaging Gateway in the Cloud

Apr 2011 – Mar 2015
The Netherlands

- Designed and developed a cloud-based messaging gateway for the IP Multimedia Subsystem (IMS) using Java EE, JMeter, and Open IMS Core.
- Implemented cloud infrastructure with OpenNebula, VirtualBox, Amazon AWS, AutoScaling, and CloudWatch to ensure scalable and reliable performance.

T-Sparx Wireless Data Solutions
Software Engineer

Jan 2011 – Dec 2012
Curaçao

- Planned, developed, and deployed mobile messaging solutions for clients, using Java EE, Android mobile platform, Spring, Objective-C, RESTful web services, Git, Maven, Nagios, Eclipse and Apache Tomcat.

INITI8 Rotterdam / Delft University of Technology
Information Architect (University Project)

Jan 2010 – Jun 2010
The Netherlands

- Collaborated on a project to design an information architecture solution for waiting time estimation in the Dutch Youth Healthcare sector using queuing theory and algorithms.
- Developed a Java EE-based system to support decision-making and patient allocation.

T-Sparx Wireless Data Solutions
Software Developer

Jan 2007 – Jun 2007
Curaçao

- Developed SMS-TV applications as part of a graduation project using C# .NET, Java EE, WSDL and MySQL.

T-Sparx Wireless Data Solutions
Software Development Intern

Jun 2006 – Jan 2007
Curaçao

- Assisted in the development and testing of software products using Java EE, JavaScript, XML, HTML, and CSS.

University of the Netherlands Antilles
Part-time software developer

Sep 2004 – Aug 2005
Curaçao

- Developed the initial version of an administration system for the "Avond MTS Curaçao OSBOD" using Visual Studio C# .NET, ADO .NET and SQL Server.

SKILLS

Programming Languages/frameworks	Java, Spring, Quarkus, Dart, Flutter, Python, JavaScript, Node.js, Next.js, React Native
Databases	MySQL, PostgreSQL, Redis, SQLite
Backend-as-a-Service (BaaS)	Firebase, Supabase
Tools	Git, Strapi, Vercel, WordPress
Development Methodologies	Agile, Scrum, Kanban

VOLUNTEER EXPERIENCE

Diabetes Mellitus Communiction Tool   **May 2024 – Present**
Curaçao

A communication tool using a cross-platform mobile application, that enables real-time communication between young patients with Type 1 Diabetes Mellitus, their parents, and diabetes specialists. Specialists can post informative videos and images within the app, offering users immediate access to relevant educational resources.

Fundashon Alton Paas   **Oct 2021 – Dec 2021**
Curaçao

Designed and developed the 'Fundashon Alton su Portal Inteligente (Fappi)' mobile application and back-end dashboard.

CERTIFICATES

International Software Testing Qualifications Board – Certified Tester Foundation Level (ISTQB CTFL)   Feb 2016

Agile Project Management (AgilePM) Foundation – APMG International   May 2016

International Software Testing Qualifications Board – Certified Agile Tester Extension (ISTQB CATE)   Nov 2016

LANGUAGES

English	fluent
Spanish	fluent
Dutch	fluent
Papiamentu	native language
French	basic

REFERENCES

Available upon request.