

CURRICULUM VITAE

ANDRES GILBERTO LARA AMAYA.

**ELECTRONICS ENGINEER
FULL STACK DEVELOPER**

PROFESSIONAL PROFILE

Electronics engineer specialized in topics such as data networks, virtualization, installation and maintenance of computers, development of computer applications, customer service, communication and supervision of technical service providers.

I also have formation as Full Stack Web developer.

Experience in research, development and implementation of computer products and services in the areas of logistics, software, computer systems and electronics. Experience in installation, maintenance, and control of office work platforms. Experience in managing a technological service desk. Designer of systems based on microprocessors, interfaces, computer networks. Experience in the areas of logistics and transport: Design, simulation, optimization, costing and monitoring of urban and national transport routes. Software developer for logistics applications, process control and data processing.

PERSONAL INFORMATION

NAME:

ANDRES GILBERTO

	LARA AMAYA.
PLACE OF BIRTH:	BOGOTA D.C.
BIRTHDATE:	9-15-64
CIVIL STATUS:	SINGLE
CITIZENSHIP CARD:	No. 79.346.683 of Bogota.
MILITARY CARD:	No. 79.346.683 District 55.
PROFESSION:	ELECTRONICS ENGINEER.
PROFESSIONAL REGISTRATION:	CN206-3710
HOME:	Calle 57B No.50-37 Apartment 422. Bogotá
PHONES:	3173167289
E-MAIL:	angillama@gmail.com
FORMAL STUDIES:	
SUPERIOR:	Francisco José de Caldas District University 1982-1989.
QUALIFICATION:	Electronic Engineer. 1990.
SYSTEMS ENGINEER:	National University of Colombia 6 semesters.

	1984-1987.
SECONDARY:	Camilo Torres National Externship 1976-1981.
QUALIFICATION:	Classic bachelor. 1981.
PRIMARY:	Eymard College, 1970-1975.
English language	Colombo American Institute - Ten levels 1991-1992.
<u>PROFESSIONAL EXPERIENCE:</u>	
Specialist Engineer: July 2021- July 2022 Company: Selcomp <ul style="list-style-type: none"> • ICFES project: <ul style="list-style-type: none"> ○ Administration and support of Windows Server, VMWare, Active Directory platforms. Attend incidents and requirements associated with these platforms. ○ Technical support service for technological equipment owned by the Entity (Server equipment, storage, backup tools and libraries, desktop PC, Workstation, laptops, Tablets, printers, video beams, video projectors, video conference equipment, scanners, televisions , Smart TV, smart screens, plotters, Switch, access point controller unit, access point (AP), barcode readers, etc., among others, according to the inventory presented by the Entity). ○ Application of technical software patches to technological 	

equipment owned by the Entity.

- **Virus removal on workstations.**
- **Control of the installed Software and elimination of the same in case of not being authorized.**
- **Support for updating the inventory of microcomputing equipment (hardware and software)**
- **Corrective maintenance of inventory equipment owned by the Entity.**
- **Recovery and copying of the information in original equipment, backup or replacement equipment until the respective repair is executed and later carry out the migration of the respective information.**
- **Massive installations of computing equipment.**
- **Support in massive software installations in microcomputer equipment.**
- **Management and maintenance of platform for sending mass emails.**
- **Telephone service or by other means of entry, to guide and inform users in the use of the Entity's IT services.**
- **Attention and coordination of management of queries, incidents and service requests, internally or with third parties if necessary.**
- **Maintenance of the software to register the operation of the IT service desk updated according to the provision of the service.**

Project development and execution engineer: 2011-2020

Company: International Logistics Vision SAS

- **Design and implementation of simulation models in the area of transport, inventories, logistics.**
- **Design and optimization of urban - national transport routes for companies in the food, oil, gas, household appliances, passenger transport, and sales sectors.**
- **Design and costing of national transport routes.**
- **Design and evaluation of zoning of distribution zones**
- **Consulting on location analysis of points of sale, storage and cross-docking.**
- **Design and implementation of systems for tracking vehicles and personnel by GPS and mobile phones.**
- **Internal Consultant for specialized software in the areas of vehicle tracking and mobile vendors.**
- **Internal Consultant for software for evaluation and acquisition of hardware for vehicle tracking.**
- **Development of applications for data management under Google platform: Appscript**
- **Management of the company's technological platform. Internal networks. IT systems: User account management systems and Documentation system**
- **Company Web site maintenance.**

Projects for companies as an employee of Visión Logística:

- **Mabe: Design urban transport routes for the delivery of electrical appliances.**
- **Haceb: Design urban transport routes for the delivery of electrical appliances.**
- **Abba : Design urban transport routes for the delivery of electrical appliances.**
- **Winner: Design urban transport routes for the delivery of meat products.**
- **Compensar: Design of routes and zoning for various projects: distribution of products and food district schools in Bogotá**
- **Vidagas: Evaluation of routes and vehicular resources for gas delivery**
- **Chilco : Fleet evaluation for specific projects through simulation**
- **Gloria: Zoning for dairy delivery routes.**
- **Camdún: Zoning for various merchandise delivery routes in the City of Cúcuta.**
- **Other Companies for which projects have been carried out: Cementos Tequendama, petrocombustion, Schlumberger, Quala, Alkosto, Red Verde**

Freelancer: 1991-2010

- **Development of software applications.**
- **Design and Installation of LAN networks.**
- **Installation of computer peripherals.**
- **Design and construction of power supplies, interfaces for personal computers and microprocessors.**
- **Installation of computer programs. Operating systems, tools, office**

programs, CAE, databases.	
<ul style="list-style-type: none"> ● Implementation and tuning of WEB portals. 	
<u>EXPERIENCE IN SPECIALIZED SOFTWARE</u>	
Aranda software suit: Platform for receipt and monitoring of Service Desk cases. ITIL standard	
Mass mailing platform SCMAIL2	
Mass mailing platform Amazon AWS PinPoint	
Microsoft Active Directory	
roadnet transportation suite	Software for design and optimization of transport routes.
QGIS	Software for cartographic information management
mapinfo	Software for cartographic information management
ArcGis	Software for cartographic information management

simul 8	Software for process simulation and optimization.
FlexSim	Software for process simulation and optimization.
Cargowiz	Vehicle loading software

OTHER COMPETENCES IN COMPUTER APPLICATIONS

Database management skills

- Management and implementation of database systems. PostgreSQL, Access, mysql, sql server express, oracle express.

Programming language skills

- Intermediate knowledge of programming languages: Javascript, Python, Java, C, C++, Kotlin, Dart

Competences in Office programs

- Management of office computer applications. Word, Excel, Access, PowerPoint.
- Management and implementation of office computer applications Google Platform: Sheets, Docs, Slides

Competencies in Design and Implementation of websites

- Design and implementation of internet sites. Wordpress, Wix

Business Intelligence Software Competences

- Basic management software for Business Intelligence: Microsoft Power BI, Google Looker studio, Tableau, SAP Lumira

Other Competences in Computer Applications

- Management of multimedia programs. Image processing, video.

CERTIFICATIONS

scrummaster

Scrum Institute 2022.

<https://www.scrum-institute.org/certifications/Scrum-Institute.Org-SMAC0aa27ddc5c-05590198439545.pdf>

COURSES

Language courses

English

Colombo American Institute -
Ten levels 1991-1992.

Logistics and operations research courses

Supply chain design

MOOC: EDx-MITx-2015
Certificate
[ID5d46cdad57f34f43b8b958a0b52e96c5](#)

Supply Chain and Logistics Fundamentals

MOOC: EDx-MITx-2014
<https://verify.edx.org/cert/2891aceb61f248de81361a92f407a412>

Introduction to operations management

MOOC: Edx-IIMB. 2015
<https://verify.edx.org/cert/67390edaf5bb43a6b512d033d8d0fa8b>

Logistics Fundamentals	MOOC:edx. LogycaX. 2020
Statistics and Data Analysis Courses	
The Analytics Edge. Data processing	MOOC : Edx –MITx- 2015 https://verify.edx.org/cert/0dc2cb2da4fa4171b28e007d97edc694
Statistics for Business - I	MOOC:edx-IIMB. 2015 https://verify.edx.org/cert/67390edaf5bb43a6b512d033d8d0fa8b
Programming Languages and Frameworks Courses	
Flutter Complete IOS and Android Development Guide	udemy.com. 2020
Node JS . The Complete Guide	udemy.com. 2020
Principles of object-oriented analysis and design, using the UML standard	SENA 2009
Development of applications with Java. 6 levels	SENA 2009-2010
Technological Preparation Cycle in .Net	SEINE 2010
Cartographic Software Courses	
Introduction to Web Cartography	MOOC:edx. EThX. 2018
Using Open Source Tools to Create an Enterprise GIS	udemy.com. 2019
Learn geographic information systems (GIS) with QGIS	udemy.com. 2019
Office Software Courses	
Master Excel Power Query. Beginner To Advanced	udemy.com. 2020

Use of Excel and Access for the development of administrative applications	SENA 2009
Management of office tools: Microsoft Excel	SENA 2008
Database Management and Design Courses	
Database: Conceptualization and administration systems	SENA 2009
SQL database design	SENA 2007
Website Design and Implementation Courses	
The Web Developer BootCamp	udemy.com. 2020
Programming web pages with HTML and JAVASCRIPT	SENA 2009
Web design with Adobe DreamWeaver	SENA 2009
Courses in project management and quality standards	
Project management	SENA 2007
Quality Management and ISO 9000 Standards	SENA 2006
Topics in Engineering Management	MOOC:edx. MITx. 2020
Electronic courses	
Assembler in the General Data System mv/400	District University .1989
8086/8088 chip	IEEE UD Student Branch. 1989
Personal and Work References	
<ul style="list-style-type: none"> • Paulo Javier Lara. Brother. Architect National University. Phone 3134680700 • Alonso Palacios Bohorquez. Technical Manager Vision Logistica Company. Mechanical Engineer National University. Phone 3225135964 	

- **Giovanna Figueredo. Industrial engineering. Former Work Colleague 2016-2019 .Tel 3138453397**
- **Juan Carlos Galeano. Industrial designer. Phone: 3152368503**
