MANUEL E. **VIEDA**

Senior Software Engineer

PROFILE

"Software Engineer, Application Developer and Information Technology enthusiast. Over 8 years of experience working with Java and related technologies, designing and implementing multi-threaded, low-latency and high-performance enterprise mission critical systems. Good understanding of UX principles. Interested in projects that are open and/or in need of new technologies. Loves to gain knowledge."

CONTACT ME

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London, United Kingdom

FOLLOW ME

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💼 WORK EXPERIENCE

AMAZON, PrimeVideo
Software Development Engineer

May 2018 - Present
amazon.co.uk

Designing, building and maintainign backend services using a microservices architecture based on both AWS and Amazon's next-generation internal service framework.

PAYU LATAM
Software Architect

Feb 2015 - May 2018
payu.com

Technical referent. One of the top 5 engineers that design and implement the new generation of payments processing platform, increasing over 50x the performance using the same infrastructure, maintaining backward compatibility and incorporating new technologies to the company.
Experience working with geographically distributed teams using SCRUM methodology. Core backend engineer. Responsible of monitoring (correctness, performance and reliability), maintaining, optimizing and developing new functionalities to the business core system.

Main projects: Houston - New payment processing plattform, Real time monitoring tools, CircuitBreakers for external resources, performance analysis.

Java, Spring, Akka, Play, Hibernate, JMS, PostgreSQL, MongoDB, GigaSpaces (In-memory computing), Tomcat, Jenkins, GIT

PAYU LATAM
Senior Software Engineer

Oct 2012 - Feb 2015
payu.com

Core backend engineer. Responsible of designing and implementing new functionalities to the business core technological platform (Payments processing platform), enabling operations in new countries and providing payment services to world class companies like Netflix, Uber and Facebook.

Main projects: Support for Brazilian and Argentinian financial systems, Merchant tools – Payment links, Offline stores support, Mobile payments, Multi-acquirer support.

Designed the internal quality coding standard that enforces the use of best practices for software development and the correct use of technologies and frameworks. This project improved by 300% the overall performance and reliability of the core system and reduced production defects or bugs by 80%.

Java, Spring, Hibernate, PostgreSQL, ZK, GigaSpaces (In-memory computing), Tomcat,

SOFTONE S.A.S.
Software Engineer

Jun 2011 - Oct 2012
softone.com.co

Developed backend solutions, web services and application integrations for various financial entities (Davivienda, Colfondos, Mundial de Seguros, Experian-Datacredito) using IBM Websphere Suite (Application Server, MQ, Portal/Content Manager) and IBM DB2.

FREELANCE
Full-stack development and IT Consultant

Jun 2011 - Present
uniandes.edu.co

Application Developer in a wide variety of web based open source applications (CMS, shopping carts, blogs).

UNIVERSITY OF LOS ANDES
Teaching Assistant

Feb 2006 - Dec 2010
uniandes.edu.co

Courses: Object Oriented Programming and Algorithms (Java), Fundaments on Database Systems, Architecture and Design of Digital Systems

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Bogotá, Colombia

EDUCATION

Master of Science (M. Sc.)
Jun 2013 - Jun 2015
ARCHITECTURES OF INFORMATION TECHNOLOGY
Final Project: Enterprise Architecture proposal for PayU - Small and Medium Businesses
University of Los Andes - ABET Certification, Bogotá, Colombia

Bachelor of Science (B. Sc.)
Jun 2006 - Dec 2011
SYSTEMS AND COMPUTING ENGINEERING
Final project: Deployment of virtual clusters of dynamic and scalable processing units
over Amazon EC2 and S3.
University of Los Andes - ABET Certification, Bogotá, Colombia

Bachelor of Science (B. Sc.)
Jun 2005 - Jun 2011
ELECTRONIC ENGINEERING
Final Project: Design and implementation a Microgrid for academic purposes
University of Los Andes - ABET Certification, Bogotá, Colombia
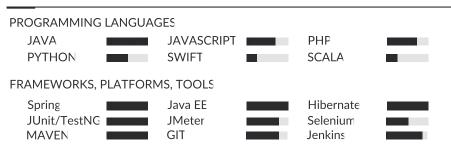
CERTIFICATIONS AND COURSES

Oracle Certified Associated. Java SE 8 Programmer
Extreme Java-Concurrency Performanvr for Java 8 (JavaSpecialists.eu)

HONORS AND AWARDS

University of Los Andes

First place in Innovation with Information Technologies Contest. Project: UtilityMAX. Using information systems, cloud computing and distributed intelligent sensor networks for monitoring, controlling and resources (energy, water and gas) usage analysis in homes and business buildings. Spring 2011.

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

| JAVA | JAVASCRIPT | PHP |
| PYTHON | SWIFT | SCALA |

FRAMEWORKS, PLATFORMS, TOOLS

Spring	Java EE	Hibernate
JUnit/TestNG	JMeter	Selenium
MAVEN	GIT	Jenkins

CLOUD SERVICES / DEVOPS: AWS, DigitalOcean, Linode, Docker
WEB DEVELOPMENT: HTML, CSS3, Adobe Photoshop, Illustrator, Dreamweaver
METHODOLOGIES: SCRUM, Kanban, TDD, BDD, ATDD, DDD
SKILLS: Pragmatism, Passion, Conceptual thinking, Transparency

LANGUAGES

Spanish: Native

English: Professional proficiency