LÓPEZ PÉREZ, Alejandro Omar

PERSONAL DATA

Nacionality:	Mexican
Birthday:	1988
Civil status:	Single
Current ubication:	Remote, Mexico
E-mail:	alejandro.olp@gmail.com
Webpage:	https://alexomar.com
GIT:	https://github.com/ikarius6
LinkedIn:	https://www.linkedin.com/in/alejandro-olp/

OBJECTIVES

SHORT-TERM

Lead a team of technological innovation, acquire a series of certifications in security and team management, use my experience to help create solutions based on technology, acquire new skills and knowledge.

LONG-TERM

Create a technological solutions company, be a security and web technologies consultant, be a pioneer in the creation of new technologies and new methods for agile development, boost the Mexican industry of software development.

EDUCATION

BACHELOR'S DEGREE

2006 - 2011 Technological Institute of Morelia - Computer Systems Engineer
Professional Credential 6952828

SECONDARY AND HIGHER LEVEL

2003 - 2006 CBTis No. 149
Computer Technician
Professional Credential 5410610

PROFESSIONAL EXPERIENCE

WIZELINE

Software Engineer (March 2022 - Current)
Senior full-stack developer, working on different projects for Vix (Univision) and Hulu (Disney), by developing and maintaining multiple APIs with NodeJS, Fastify, TypeScript, MongoDB, Redis, GCP, Python, Go.
https://www.wizeline.com/

GLOBANT

Senior Developer / Team lead (January 2017 - March 2022)
Technical leader. Senior full-stack developer. Coaching and guidance for developers and apprentices. Working on projects for OpenBank, Johnson & Johnson, Realogy, Marvel (Disney) by using technologies like React, PHP and NodeJS.

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MITEC

Senior Developer / Product owner (July 2016 - Enero 2017)

Member of the product development team to find innovative business forms through new technologies and trends using Santander's main payment gateway. Develop a chatbot platform from scratch with NodeJS and in charge as senior programmer and security researcher of Web applications.

http://www.mitec.com.mx

GIGIGO MÉXICO

Senior Developer / Team lead (May 2015 - May 2016)

Leader of the development team and Senior Back-End developer for projects of different companies. External consultant for penetration tests and Web systems security. Member of the team of technological innovation and experimentation.

http://www.gigigo.com

NURUN MÉXICO / LEAD2ACTION

Senior Developer (August 2013 - May 2015)

Member of the development team as Senior Developer for the creation of Web applications making use of innovative technologies and the best current practices for renowned companies such as: Audi, Porsche, Playskool, BestBuy, Seat, Pepsico, among others. External consultant for penetration tests and Web systems security. Member of the technological innovation team.

http://lead2action.com
http://www.nurun.com/en/

MEXANET

*Senior Developer (*December 2011 – February 2013)

Technical leader, responsible for developing the Back-end, databases and security, leading a group of developers to streamline the development process, experienced management of frameworks on Web platforms and development for mobile technologies, responsible for shielding existing systems to avoid information leakage.

NetBit Soluciones

Senior Developer (February 2011 – December 2011)

Responsible for the programming and administration of multiple external client projects, web platform, email marketing, maps and rates management, advertising, among others, making use of different programming languages according to the type of project, PHP, JSP, MySQL, jQuery, Ajax, HTML 5 and CSS 3, Facebook API, Google API; Maintenance and troubleshooting of existing projects.

BTCincs

*Web Developer and Designer (*4 months)

Development and design of web pages oriented to advertising and directories, planning, server administration, password assignment, moderator of the company blog, contribution of ideas for the promotion of new projects, integration of code that works with the interfaces, creation of logos and partial design of the portals, in charge of the databases used in the platforms.

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FREELANCE
Development

Development and update of systems in Web environment. In programming on front-end for validation of entries and AJAX to improve navigation, performance and usability, on the back-end to ensure the integrity of the database and the server, as well as the correct functionality of each system.
Creation of web portals with administration panel in PHP, Python or JSP for different types of projects.

Collaborations
Collaboration in the area of penetration testing which consists of a method of evaluating a computer system simulating an attack by a malicious attacker, an analysis of the system is made in search of a potential vulnerability that could put at risk the functioning of the system or the information.
Diffusion in Social Media, helping to spread information through social networks such as Facebook, Twitter, Blogger, in order to promote a website.

Security
Penetration testing on existing Web platforms.
Dissemination of information on security, for personal and corporate protection, especially regarding electronic fraud or information theft.
Self-taught research on the techniques of exploration and exploitation of vulnerabilities on computer systems and networks, as well as the processes to repair these vulnerabilities and protect a company, especially on Web platforms.
Research on the operation of groups of hackers focused on electronic fraud, how they operate and the tools they use, in order to learn to protect the interests of a company against such attacks.

ON UNIVERSITY
Professional Practices
Professional practices as Web Developer on Gocipher (Cluster TIM) for 6 months for the project "Facturación Digital".

Social Service
Social service as developer of the platform "Sistema de Seguimiento de Residencias Profesionales" for the Technological Institute of Morelia, and as developer for the platform "Sistema de Seguimiento de Egresados" for the public institute DGEST.

Participations
Participation in the SGNext 2016 Colloquium of Software Guru in the CDMX
Participation in the TICs 2010 colloquium at the Technological Institute of Morelia.
Participation in the 1st National Rotary Congress on Human Development May 2010.
Participation in the 8th International Information Systems Symposium "8sisi - Refresca tus idea".
Participation in the 8th International Information Systems Symposium
Workshop "Programación Web con un Enfoque Empresarial - (Web Programming with a Business Approach)".
Participation in the TICs 2009 conference at the Technological Institute of Morelia.
Participation in the annual international programming competition of the ACM International stage.
Participation in the local stage of the National Creativity Competition 2009
"Multiple Intelligences as Support for the Current Educational System".
Workshop for the creation of telescopes taught by the UNAM - Planetario de Morelia (summer 2009).
Intermediate level violin course - House of culture (2008-2009).

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ON COLLEGE

Professional Practices

Professional practices as an assistant in the area of financial resources of the Ministry of Communications and Transportation for 6 months.

Social Service

Social service as an assistant in the computing area at the National Pedagogical University for 4 months.

LANGUAGES

Spanish: 100%
English: Writing 80%, Reading: 90%, Speaking 75%
Japanese: Basic (learning)

SKILLS

- Web development: HTML, CSS, JavaScript, Canvas, XML, JQuery, Twig, JSON, PHP, JSP, ASP (basic), Python, Perl, Django, NodeJS, TypeScript.
- Frameworks: [PHP: CodeIgniter, Laravel, Symfony, CakePHP],[HTML/CSS: Bootstrap, Foundation],[JS: AngularJS, ReactJS, Fastify].
- Unit tests: PHPUnit.
- Cloud: Google Compute Engine, AWS
- API usage: Facebook, Messenger, Google, Twitter, among others.
- Databases: MySql, MongoDB, Sql Server, Sql Lite, Redis.
- Big Data: R Lang, RStudio.
- Repositories: GIT + GitFlow.
- Tools: Github, Bitbucket, Jira, SourceTree, Slack, Confluence, Zeplin.
- Security: Intrusion, testing, skills to detect vulnerabilities and knowledge to protect a system from a potential attack.
- Software development: C/C++, Visual Fox, Visual Basic, Java, J2ME, Perl, Asm, Arduino, LISP. etc.
- Knowledge of artificial intelligence, restructuring, reverse engineering, systems analysis, SEO and social networks.
- Microsoft Office, Adobe Photoshop, Adobe Flex (básico).
- Repair and maintenance of computer equipment.
- Network management: Structuring, management and maintenance of Cisco networks.
- Operating Systems: Microsoft Windows, Linux, macOS.
- Positive attitude, brave and willing to take risks, driven by curiosity and the search for new knowledge, honest, committed, solidary and innovative.

CURSES / CERTIFICATIONS

M102: MongoDB for DBAs
MongoDB University - May 2016
http://university.mongodb.com/course_completion/31049f069e72406d9e707ee0d273673b

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M101P: MongoDB for Developers
MongoDB University - July 2016
http://university.mongodb.com/course_completion/af41c3abf01849a4abe1103f883775d5

Introductions to Data Science: Statistical Programming with R
UNAM via Coursera - August 2016
https://www.coursera.org/account/accomplishments/certificate/752DWTJGA5GM

HOBBIES

Teach knowledge about computer systems to third parties, read articles about technology, run, solve problems, develop apps, attend forums on computer security (hacking, cracking, pharming, etc), write fantasy and poetry stories, play video games, and understand how the universe works.

AREAS OF INTEREST

Innovation, Security, Technology, Development, Infrastructure, Management, Support, Consultancy, Systems, Teams Coordination, Supervision, Planning, Project realization, Trends, Gadgets, Leadership.

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