

Profile

Bilingual Computer Science Engineer specialized in product management, product design and web development. Data-driven Product Manager with proven ability to find the right balance between business, engineering, design, and user needs. More than 15 years of professional experience.

Skills

Product management: Product design (UX & UI), Project mgmt, Problem solving, Data analysis, Design thinking.
Software engineering: Systems design, Software architecture, Data modeling, Regular expressions.
Programming: Python, Javascript, HTML, CSS, SQL, Django, NodeJS, Wordpress.

Experience

Twilio May 2020 - Present
Product Manager, Phone Numbers

- 🔗 Leader of the Regulatory Compliance products for the Phone Numbers area.
- 🔗 Supported global expansion in: UK, France, Germany, Spain, Ireland, Australia, Japan, Brazil.
- 🔗 Released a new Address Validation service, used by internal and customer-facing products.
- 🔗 Designed a new service for syncing compliance data across regulators around the world.

Voice123 Oct 2016 - May 2020
Product Manager

- 🔗 Leader of product design (UI & UX) and management of Voice123, the first online marketplace for voice-overs.
- 🔗 Revenue growth of 170% YoY and other all-time high KPIs after a 2-years redesign and rewrite of the platform.
- 🔗 Definition and documentation of user and system requirements, usage analysis, and selection of technologies.
- 🔗 Forecasting, data analysis, and business intelligence after creation of SQL queries and dashboards.
- 🔗 Tools: Sketch, Metabase, PlantUML, SQL, Google Analytics, R language, and others.

VoiceBunny Apr 2015 - Sep 2016
Sr. Front-End Developer | Jr. Product Manager

- 🔗 Front-end dev: HTML, LESS, CSS, Javascript, AngularJS, and Bootstrap.
- 🔗 Back-end dev: PHP, CakePHP, Scala, NodeJS, and MySQL.
- 🔗 Product design, project management, and implementation of an unifying authentication system.
- 🔗 Other technologies: Django, PostgreSQL, OpenID Connect, and OAuth 2.0.

Prodigious Latin America Jan 2015 - Mar 2015
Front-End Architect

- 🔗 Defined the front-end technology stack for the US website of top worldwide financial services corporation.
- 🔗 Developed several proof of concepts to evaluate the best technology stack for the project.
- 🔗 Made part of the recruiting process for more than 10 candidates, as a technical interviewer and test evaluator.
- 🔗 Technologies: HTML, CSS, Javascript, Swig (templating, static generation), SCSS, Bootstrap, jQuery, lodash. NodeJS, Express, LiveReload. Gulp, W3C Validator, Aria Linter, JSHint, JSCS, SCSS Lint, CSS Lint, Autoprefixer.

inQbation Labs Jul 2012 - Dec 2014
Sr. Web Developer | R&D Engineer

- 🔗 Designed and developed of new SaaS applications from scratch.
- 🔗 Followed Scrum and Kanban agile methodologies for software development.
- 🔗 Applied the Design Thinking methodology for product design and development.
- 🔗 Technologies: HTML, CSS, LESS, Javascript, PHP, Python. Wordpress, Django, Drupal, Web2py, CakePHP. Bootstrap, jQuery, Google Maps, HighCharts, W3C standards, Section508.

Pontificia Universidad Javeriana Cali

Sep 2011 - Jun 2012

Jr. Innovation Consultant

- ▶ Project based on the Design Thinking methodology, focused on solving a "vaguely defined problem".
- ▶ Cross-platform mobile prototyping, including UI and UX design, using HTML5, CSS3 (LESS), Javascript. jQuery, jQuery Mobile, Google Maps API.
- ▶ Due to its success, Banco de Occidente created its own Department of Innovation and developed several product ideas created during the project.

Pontificia Universidad Javeriana Cali

Mar 2010 - Jun 2011

ME310 Teaching Assistant

- ▶ Managed logistics and budget for the course: Project budgets, schedules, transportation, and lodging.
- ▶ Supported student teams to learn Design Thinking, and provided constructive feedback to their process.

Solare Group

Jan 2010 - Jan 2011

Co-founder and CTO

- ▶ Created a cutting-edge e-business platform for online auction shoppers using Django + PostgreSQL.

Pontificia Universidad Javeriana Cali

Jul 2007 - Dec 2007

Research Assistant

- ▶ Co-authored "A Case Study in JML-Assisted Software Development", published in the ENTCS Vol. 240, 5-21.
- ▶ Case study in formal software development of a plugin for a Java project management application using JML.
- ▶ Demonstrated how using JML for modeling software requirements can enforce the programming of correct Java code and contribute to effective decision-making within a software development team.

Freelance Services

Nov 2006 - Present

Web Developer | IT Consultant

- ▶ Creation of corporate websites, mobile web-apps, e-commerce solutions, booking systems, e-mail marketing.
- ▶ Use cases definition, user needs identification, business logic implementation, and database modeling.
- ▶ Usage of best practices and QA for cross-device compatibility, performance, SEO, accesibility, and overall UX.
- ▶ Front-end dev: HTML, CSS, Javascript, VueJS, AngularJS.
- ▶ Back-end dev: Python, Django, NodeJS, Wordpress, PHP, SQL.

Education

Stanford University Graduate School of Business

Aug 2017

🎓 Executive Program in Endeavor Innovation and Growth

Massachusetts Institute of Technology

Jul 2013

🎓 Summer Program Colombia in AITI: Entrepreneurship, Innovation and Mobile Technology

Pontificia Universidad Javeriana

Jan 2010

🎓 Bachelor of Science (B.S.) in Computer Science and Engineering

Stanford University

Jun 2009

🎓 Global Partnership in ME310: Design Thinking

I.T.I. Manuel Antonio Bonilla

Jun 2003

🎓 Technical High School in Electricity