

# DANIEL GARCÍA

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Cali, Colombia

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Bilingual engineer in Computer Science specialized in Web Development, User Experience and Product Design.  
I am a front-end development expert with more than 7 years of experience using the best available technologies.  
I have great skills in software architecture, problem solving and data modeling, as well as in understanding end-users.

## EXPERIENCE

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- InQbation** **Cali, Colombia**  
*Web Developer / R&D Lab Engineer* *Jul'12 – Present*
- Front and back-end development on challenging projects for high-profile clients, including government agencies.
  - Ideation and development of new, innovative products for the R&D division of the company: InQbation Labs.
- Pontificia Universidad Javeriana - Cali** **Cali, Colombia**  
*Jr. Innovation Consultant for Banco de Occidente* *Oct'11 – Jun'12*
- Innovation Consulting, focused on solving a vaguely defined problem given, based on the Design Thinking methodology.
  - Designed and developed rapid prototypes using HTML5, CSS3 (LESS), JS (jQuery Mobile), Django and PostgreSQL.
- Executive Project Manager* *Jun'11 – Oct'11*
- Project planning to migrate an ISO20000 (IT service management standard) system from Oracle Forms to Java + Web.
  - Evaluated and redefined technology stack: Oracle DB, Java, Hibernate, Spring, JSF, Primefaces, XHTML, CSS, JS.
- Project Developer* *Feb'11 – Jun'11*
- Built a system to manage and report information about physical facilities, fulfilling given requirements and user cases.
  - Back-end: Java and Oracle DB. Front-end: XHTML (W3 validated), CSS (960gs), jQuery, jQueryUI and JSON (Ajax).
- Stanford ME310 Teaching Assistant* *Feb'10 – Jun'10, Abr'11 – Ago'11*
- Managed logistics and budget of the course, i.e. project budgets, schedules, transportation and lodging for students.
  - Supported student teams learning the Design Thinking Methodology; provided constructive feedback to their process.
- Research Assistant* *Sep'07 – Dec '07*
- Co-authored "A Case Study in JML-Assisted Software Development", published in the ENTCS Vol. 240, 5-21, 2 July 2009, and presented by Prof. Nestor Cataño at the "Brazilian Symposium on Formal Methods (SBMF 2008)".
- Self Employee** **Cali, Colombia**  
*Freelance Web Development & IT Consulting* *Nov'06 – Present*
- Specialized in front-end technologies, including HTML5, CSS3, Javascript, Responsive Design, jQuery (UI + Mobile), APIs.
  - Experience using back-end technologies such as Python, Django, PHP, Wordpress CMS, MySQL, PostgreSQL, Oracle.
  - Capable of defining use cases, identifying user needs, implementing business logic, and database modeling.
  - Focused on quality assurance and use of best practices for cross-device compatibility, performance, SEO and overall UX.
  - Projects include corporate websites, mobile web apps, e-commerce solutions, aircraft booking systems, e-mail marketing, etc.

## EDUCATION

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- Massachusetts Institute of Technology & ICESI** **Cali, Colombia**  
*MIT AITI: Accelerating Information Technology Innovation (Colombia Summer 2013)* *Jun'13 – Jul'13*
- Multidisciplinary program focused on Entrepreneurship, Innovation and Mobile Development for young entrepreneurs.
  - Developed a startup idea from scratch (need finding, market research, prototyping) using native Android and a Django backend.
- Pontificia Universidad Javeriana - Cali** **Cali, Colombia**  
*B.Sc. in Computer Science and Engineering with Honorable Mention; GPA: 4.03* *Aug'04 – Nov'09*
- ECAES (GRE equivalent) score: 126.16 (versus national average of 100)
  - Curriculum focused on software development, programming languages, algorithms analysis and data modeling.
- Stanford University** **Cali, Colombia & Stanford, CA**  
*ME310: Project-Based Engineering Design, Innovation, & Development* *Oct'08 – Jun'09*
- International corporate-sponsored project to conceive and create a consumer electronic product for young people.
  - Designed and implemented a Bluetooth-cellular mobile networking system using Arduino and Python for Nokia S60.
  - Engaged in observation, need-finding, and rapid prototyping with different materials and electronic components with potential end-users to develop a better user experience.

## ADDITIONAL

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- ACM-ICPC International Collegiate Programming Contest: South America/North finals 2008.
- iTEP pBT International Test of English Proficiency: Level 6/6 (Reading 6, Listening 6, Grammar 5)
- Software: Adobe: PS, DW, AI, Director. MS: Word, PowerPoint and Excel.
- Music lover, salsa dancer, drummer (in progress), amateur photographer, foodie, soccer fan, human behavior aficionado.