



# Juan P. Prado

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Software Engineer

**Address:** Monterrey, Mexico

**Website:** <https://juanpabloprado.com>

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*Software engineer with web and mobile application experience. Experienced in Java, JavaScript, REST, SQL, Python, Spring Framework and containerization. Strong focus on usability and maintainability in all projects.*

*Treehouse profile: <https://teamtreehouse.com/juanpabloprado>*

*Stack Overflow profile: <https://stackoverflow.com/story/juanpablo>*

## EXPERIENCE

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### Digital On Us

*June 2019 - Present*

#### Sr. Software Engineer

Senior Software Engineer for Armory Professional Services, company behind Spinnaker enterprise offering. (Current)

Sr. Software Developer for an American PaaS product company, which enables the orchestration of mobile app deployment processes. (Aug 31, 2021)

### Universidad Politécnica de Quintana Roo

*May 2021 - Present*

#### Professor

Professor of the subject Programming for Mobiles II in the Software Engineering career.

### 2U

*June 2021 - Present*

#### Teaching Assistant

Online Data Analytics Boot Camp at Tecnológico de Monterrey.

Numerous marketable technologies, including Excel, Python, JavaScript, SQL Databases, Tableau and more.

### 2U

*July 2020 - January 2021*

#### Teaching Assistant at Tecnológico de Monterrey Data Analytics Bootcamp

Online Data Analytics Bootcamp at Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM).

### Trilogy Education

*January 2020 - July 2020*

#### Teaching Assistant at Tecnológico de Monterrey Data Analytics Bootcamp

Data Analytics Bootcamp at Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM). Assist students during class and office hours apply what they have learned to address assigned problems and complete their projects.

Some of the topics covered: Statistics, Databases, Data Analysis, Big Data, Machine Learning, Web Development, Web Scraping, Storytelling

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## Accenture

October 2017 - June 2019

### Application Development Senior Analyst

Apps Developer III for an American telecommunications company.

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## Trilogy Education

October 2018 - March 2019

### Teaching Assistant at Tecnológico de Monterrey Coding Boot Camp

Help students learn and apply new skills gained in a 24-week Coding Boot Camp at the Tecnológico de Monterrey University. Assist students during class and office hours apply what they have learned to address assigned problems and complete their projects.

Technologies covered: HTML/CSS, Bash, Git, JavaScript, jQuery, React.js, Node.js, Express, Firebase, MySQL, MongoDB

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## Software Engineer

July 2016 to September 2017

### Journey Solutions Center

Implement security, continuous deployment, and automation scripts such as automated backups, migrations, etc. Lead team to deliver many projects with strong focus on performance optimization, which in return increase sales in our sites.

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## Sunset World Hotels & Resorts

February 2014 to March 2015

### Software Engineer

- Application design, development, testing and maintenance. Responsible for continuous improvement on web-based CRM system. Implement new features, enhance performance and usability, and architect new components for the system.
  - A subset of tech used: Java, Oracle SQL, Javascript, AJAX, jQuery, HTML5, CSS, Sass, Hibernate, Maven, Dropwizard.
- Software engineer in the analysis, design and development of a Payments RESTful API with web application security.
  - A subset of tech used: Java, Oracle SQL, JDBI, Maven, Dropwizard, Linux.
- Software engineer in the analysis, design and development of a website with CMS capability, created in client-server architecture, by separating the client and server layers. The client being a Wordpress site and the server a RESTful API developed in Java with Dropwizard framework.
  - A subset of tech used: Java, PHP, SQL Server, MySQL, Javascript, AJAX, HTML5, CSS, JDBI, Maven, Dropwizard, WordPress.

## EDUCATION

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### Universidad Politécnica de Quintana Roo

2011 to 2014

### BS, Computer Science

Cédula profesional 10301476

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## SKILLS

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Application architecture, Unit Testing, TDD, Web Development (frontend and backend), Spring MVC, Spring Security, Spring Boot, Java, Microservices, Linux, Docker, JavaScript, RabbitMQ, Software Development, Databases, Scalability, CSS, PostgreSQL, MySQL, Git, MongoDB, Node.js, Hibernate, JPA, Shell, Nginx, Postman, OOP, Jenkins, REST, Bash, Agile Methodologies, SQL, Python, Oracle, RESTful WebServices, Jersey (JAX-RS), Gradle, Maven, Dropwizard, Kafka, Cassandra, Scrum, Kubernetes.

AWS with Simple Storage Service (S3), Elastic Compute Cloud (EC2), Elastic Kubernetes Service (EKS), Elastic Container Service (ECS), and AWS Lambda.

## CERTIFICATIONS

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### Spring: Spring Cloud

July 2020

LinkedIn

Certificate Id: AfwGmSlxvic3vb4G2Do8Pz\_fVTYg

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### Web Security: OAuth and OpenID Connect

July 2020

LinkedIn

Certificate Id: AduhNN4N4C7qRTyyvtVlyrN34lwL

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### Finanzas personales by Universidad Nacional Autónoma de México

April 15, 2020

Coursera

License PC36JXKA2LPM

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### Financial Markets by Yale University

January 11, 2020

Coursera

License FRBNC4F5PZZT

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### Oracle Certified Associate, Java SE 8 Programmer

June 7, 2019

Oracle

Badge URL

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### API Design and Fundamentals of Google Cloud's Apigee API Platform

May 1, 2019

Coursera

License CNB664MURFBY

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### Install and Manage Google Cloud's Apigee API Platform Specialization

April 17, 2019

Coursera

License GH5FSBVVVKGY

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### Data Structures and Performance by University of California, San Diego on Coursera

November 26, 2015

Coursera Course Certificates

License RC6BMEADLJYJ

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## **Object Oriented Programming in Java by University of California, San Diego on Coursera**

*October 17, 2015*

Coursera Course Certificates

License PP56YYWBGV5F

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## **Introduction to Agile & Scrum**

*September 2015*

SitePoint

Certificate

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## **Java Multithreading**

*April 2015*

Udemy

License UC-TBEH52SZ

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## **Java Design Patterns and Architecture**

*February 2015*

Udemy

License UC-KGA77LIJ

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## **Android: Introducción a la programación**

*May 2014*

UPV[X]

Statement of Accomplishment

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## **Programming Mobile Applications for Android Handheld Systems**

*March 2014*

Coursera Verified Certificates

License 2HK43QGMB9

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## **Creative, Serious and Playful Science of Android Apps**

*February 2014*

Coursera

Statement of Accomplishment

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## **Inspiring Leadership through Emotional Intelligence**

*December 2013*

Coursera Verified Certificates

License GA3S8TXDG8

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## **M101JS: MongoDB for Node.js Developers**

*October 2013*

MongoDB Inc

Certificate

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## **Internet History, Technology, and Security**

*May 2013*

Coursera Verified Certificates

License KP842ZPZFF

## LANGUAGES

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**Spanish** (Native or bilingual proficiency), **English** (Native or bilingual proficiency)

## HONORS

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### **First Place in Hackathon Cancun 2015**

*March 2015*

Google Developer Group Cancun

3 team members, 38 hours and 4 repositories on GitHub.

- Web view android app
- Native android app
- Back end/API
- Web app

Camping sites over the Mayan Riviera with all the information you need.

## PROJECTS

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### CampCun App on Google Play

March 2015

<https://play.google.com/store/apps/details?id=com.juanpabloprado.campcunweb>

Camping sites over the Mayan Riviera. You can see the places on google maps, and all the important information like prices and address about each point. Also have a utility to plan your camp trip. Web app at <http://campcun.com>

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### Cancuncards

March 2015 to October 2014

[cancuncards.com](http://cancuncards.com)

Leads enter a certificate code for a vacationing package.

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### Paleteria Gaby

June 2015

[paleteriagaby.com](http://paleteriagaby.com)

Assisted family business with web design and development.

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### Guess How Many are in the Jar

<https://github.com/juanpabloprado/GuessHowManyAreInTheJar>

Techdegree Project

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### Soccer League Organizer

<https://github.com/juanpabloprado/SoccerLeagueOrganizer>

Techdegree Project

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### Learning Android N Application Development

December 2016

<https://www.packtpub.com/application-development/learning-android-n-application-development>

Act as a technical reviewer

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### Manna Préstamos

November 2016

[manna.mx](http://manna.mx)

Application design, development, testing and maintenance on Fintech software. Responsible for core development of a financial software application. Implement new features, enhance performance and usability, and architect new components for the system.

- A subset of tech used: Java, MySQL, H2, Javascript, jQuery, Bootstrap, HTML5, CSS, Sass, Hibernate, Gradle, Spring Boot, Spring Security, Spring Data.
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### Test-Driven Android

January 2017

<https://www.packtpub.com/application-development/test-driven-android-video>

Act as a technical reviewer