



Juan P. Prado

Senior Software Engineer

Address: Monterrey, Mexico

Website: <https://juanpabloprado.com>

Email: resume@juanpabloprado.com

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

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

Pluralsight profile: <https://app.pluralsight.com/profile/juan-pablo-prado>

EXPERIENCE

Tech9

July 2022 - Present

Sr Fullstack Software Engineer (Java/Kotlin/React)

Senior Full Stack SW Engineer - Contractor for a US company focused on education in US schools.

The tech stack consists of React, TypeScript and Material UI V5, all linted with eslint and prettier in the frontend.

Micronaut, Kotlin, DynamoDB and Gradle in the backend.

Digital On Us

June 2019 - May 2022

Sr. Software Engineer

Senior Software Engineer for Armory Professional Services, company behind Spinnaker enterprise offering. (May 13, 2022)

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

Accenture

October 2017 - June 2019

Application Development Senior Analyst

Apps Developer III for an American telecommunications company.

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

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.

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.
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EDUCATION

Universidad Politécnica de Quintana Roo

2011 to 2014

BS, Computer Science

Cédula profesional 10301476

SKILLS

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, Concourse.

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

CERTIFICATIONS

AWS Certified Developer - Associate

February 24, 2023 · Expires on
February 24, 2026

Amazon Web Services (AWS)

[Badge url](#)

Getting Started with React Hooks

January 2023

Udemy

[Certificate](#)

AWS Certified Cloud Practitioner

December 08, 2022 · Expires on
December 08, 2025

Amazon Web Services (AWS)

[Badge url](#)

AWS Cloud Practitioner Essentials

November 2022

Coursera

- Credential ID: 5KLVUV86GDRX
- Credential URL: <https://www.coursera.org/account/accomplishments/certificate/5KLVUV86GDRX>

Exam Prep: AWS Certified Cloud Practitioner Foundations

November 2022

Coursera

- Credential ID: YTJDGSVTT9JC
- Credential URL: <https://www.coursera.org/account/accomplishments/certificate/YTJDGSVTT9JC>

AWS Cloud Technical Essentials

November 2022

Coursera

- Credential ID: NXQAPG2U7QRM
- Credential URL: <https://www.coursera.org/account/accomplishments/certificate/NXQAPG2U7QRM>

Spring: Spring Cloud

July 2020

[LinkedIn](#)

Certificate Id: AfwGmSlxvic3vb4G2Do8Pz_fVTYg

Web Security: OAuth and OpenID Connect

July 2020

[LinkedIn](#)

Certificate Id: AduhNN4N4C7qRTyyvtVlyrN34IwL

Finanzas personales by Universidad Nacional Autónoma de México

April 15, 2020

[Coursera](#)

License PC36JXKA2LPM

Financial Markets by Yale University

January 11, 2020

[Coursera](#)

License FRBNC4F5PZZT

Oracle Certified Associate, Java SE 8 Programmer

June 7, 2019

[Oracle](#)

[Badge URL](#)

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

May 1, 2019

[Coursera](#)

License CNB664MURFBY

Install and Manage Google Cloud's Apigee API Platform Specialization

April 17, 2019

[Coursera](#)

License GH5FSBVWVKGY

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

November 26, 2015

[Coursera Course Certificates](#)

License RC6BMEADLJYJ

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

October 17, 2015

[Coursera Course Certificates](#)

License PP56YYWBGV5F

Introduction to Agile & Scrum

September 2015

[SitePoint](#)

[Certificate](#)

Java Multithreading

April 2015

Udemy

License UC-TBEH52SZ

Java Design Patterns and Architecture

February 2015

Udemy

License UC-KGA77LIJ

Android: Introducción a la programación

May 2014

UPV[X]

Statement of Accomplishment

Programming Mobile Applications for Android Handheld Systems

March 2014

Coursera Verified Certificates

License 2HK43QGMB9

Creative, Serious and Playful Science of Android Apps

February 2014

Coursera

Statement of Accomplishment

Inspiring Leadership through Emotional Intelligence

December 2013

Coursera Verified Certificates

License GA3S8TXDG8

M101JS: MongoDB for Node.js Developers

October 2013

MongoDB Inc

Certificate

Internet History, Technology, and Security

May 2013

Coursera Verified Certificates

License KP842ZPZFF

LANGUAGES

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

HONORS

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

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>

Cancuncards

March 2015 to October 2014

cancuncards.com

Leads enter a certificate code for a vacationing package.

Paleteria Gaby

June 2015

paleteriagaby.com

Assisted family business with web design and development.

Guess How Many are in the Jar

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

Techdegree Project

Soccer League Organizer

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

Techdegree Project

Learning Android N Application Development

December 2016

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

Act as a technical reviewer

Manna Préstamos

November 2016

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