

# Alain Pereida Prado

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Software Developer with experience in design, installation, testing and maintenance of software systems. Domain in various platforms, languages and integrated systems. Experience with the latest development tools and procedures. Capable of effective self-management in independent projects.

## Work Experience

FEBRUARY/2023 - CURRENT

### Mid .Net Engineer | Reliant Parking

- Participation in software maintenance, creating new features for all products to the company.
- Design and development of news projects only for internal use for this company.

SEPTEMBER/2021 - FEBRUARY/2023 - FREELANCER

### Web Developer | Pixzelle

- Participation in software development, using monolithic solutions and microservices, delivering RESTful API developments with more than 100,000 users, optimization configuration of server resources, use of scrum.
- Participation in software maintenance, adding new features to the company's internal projects, solving issues in production systems.
- Software architecture design.
- Experience in image processing.

OCTOBER/2020 - AUGUST/2021

### Software developer | Inercy

- Participating in the development of an autonomous drone monitoring system taking it to production, I worked on a mobile application made in Android and a web system made in ASP.NET Core, carrying out application deployments as training for personnel.
- Design and development of web pages.
- Experience in project planning and project control.

JANUARY/2020 - MARCH/2020

### Intern | Honeywell Aerospace

- Preparation of high performance reports with company metrics.
- In charge of finding improvements in the reports and providing ideas for new reports.

JANUARY/2017 - SEPTEMBER/2018

### Independent consultant | Family business

- Experience in the repair and maintenance of computer equipment.

# Education

JUNE/2016

## Programming Technician | CECYTE Xochimilco

- General area of study: Programming
- Specialty: Programming in Java, C/C++ and Android.

JULY/2021

## Computer Engineering | Universidad Autónoma de Baja California

- General area of study: Programming
- Specialty: Programming in Java, C/C++ and Android.

APRIL/2022 -

## Diploma in Project Management | Cetys

NOVEMBER/2022 - NOVEMBER/2022

## Certified in AWS Cloud Practitioner Essentials | Netec

# Projects

JANUARY/2024 - JULY/2024

## Identidad UABC Mobile Application Development | e-sol

- Participation in the development of a mobile application developed in Flutter.

MARCH/2023 - APRIL/2023

## Start Market Mobile Application Development | e-sol

- Participation in the development of a mobile application developed in Flutter.

MARCH/2023 - APRIL/2023

## Fit Studio Mobile Application Development | e-sol

- Participation in the development of a mobile application developed in Flutter.

NOVEMBER/2022 - DECEMBER/2022

## Custom Web Form | BlueSherpa

- Participation in the planning and administration of a web project for the automation of processes to collect information from users.

FEBRUARY/2022 - MAY/2022

## Sistema de tableros | UABC

- Design and implementation in the development of a portal-type system simulating the functionality of a digital board for users of the engineering institute.

DIC/2020 - AGOSTO/2021

### **Sistema de Indicadores Académicos | UABC**

- Participation in the development of a system of academic indicators to generate reports to the area coordinators and governing body.

MAR/2020 - JUL/2020

### **Sistema de Préstamos de Material del Laboratorio | UABC**

- Participation in the planning and administration of a project for a portal for students.

## **Abilities**

- Relationships with customers.
- Problem resolution
- Adaptability
- Leadership and project management.
- Scrum.
- Team Collaboration.

## **Tecnologías de Computación**

- Advanced Excel.
- CSS, HTML, JavaScript, PHP, Java, C#, C++.
- Node Js for backend development.
- Framework Vue.Js, React Js, ASP.NET (Angular Js) Core and Angular.
- Advanced level in object-oriented programming.
- Management and configuration of linux servers
- Experience in web applications.
- Mobile application development tools (Android and Xamarin Forms).
- Knowledge in the area of data mining and AI.
- Use of Matlab, C++, C#.
- Excellent use of Git.
- Database management in SQL, MySQL and PostgreSQL.
- Intermediate level of Cloud Computing services (AWS).
- Knowledge in Azure.
- MongoDB Atlas
- WordPress and Drupal development.
- Intermediate level of microcontrollers.
- Manipulation of hosting services.
- Machine Learning with javascript.

## Goals

- Latin American Innovation Rally 2019.
- Nasa Space Apps Challenge (Acknowledgment for having obtained first place in the "Best Use Of Data" category).
- Participation in the contest for creativity and scientific and technological innovation, at the UABC.

## Language

- **Inglés - B1**
- **Español - Mother Tongue**