

# ALEJANDRO WURTS

Software Developer

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## SUMMARY

Software developer with passion for frontend web development, capable of making dynamic web applications and static sites.

Most recently, I've been developing progressive web apps using tools like React and Google Workbox and learning how they apply to user experience design.

See more about projects I've developed at [alwurts.com/#projects](http://alwurts.com/#projects)

## SKILLS

- Programming languages: JavaScript, HTML5, CSS3, Python3, MySQL, PostgreSQL.
- Frameworks: React JS, Gatsby JS, Google Workbox, MUI, Bootstrap5.
- Backend: Django, RESTful API
- Tools: Git, GitHub, Postman, Visual Studio Code, Chrome Dev Tools, Netlify.
- Capable of picking up new languages and tools as required.

## LANGUAGES

- English: Bilingual proficiency
  - TOEFL IBT: 108
- Spanish: Native proficiency
- German: Elementary proficiency

## PROFESSIONAL EXPERIENCE

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### Applications Developer - Oracle

Guadalajara, México  
January 2022 - Present

Oracle NetSuite application developer, working in a team scattered across multiple time zones developing solutions on top of the NetSuite platform with tools like SuiteScript which is a JavaScript API for NetSuite.

### Software Application Engineer - ITS

Monterrey, México  
December 2019 - December 2021

Developed UI and system logic for Linux / Windows applications that are used in industrial metrology applications with GUI frameworks like Tkinter and Kivy for Python.

In parallel, I also worked with customers, assessing their necessities in the field of metrology software by giving them solutions that fit their budget and time constrains.

### R&D Engineering Intern - Nanlite / Nanguang

Shantou, China  
May 2018 - August 2018

Summer internship in the R&D department of a lighting equipment manufacturer, working together with a group of engineers to develop next generation lighting products. Main tasks:

- Creation of user manuals for products in their catalog with illustrator.
- CAD Design of injection molded parts according to specification.

## EDUCATION

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### Bachelor's degree in Mechatronics

Fundación Universidad de las Américas Puebla, UDLAP  
2015 - 2019

As part of my activities, I also was secretary of the student body for the Mechatronics department, 2018-2019.

### High School

Valley High School  
2015  
Iowa, USA

Studied high school in the USA for a year as a Rotary youth exchange ambassador.

I took advanced programming courses during my year and joined the school robotics group.

Received the Rotary Paul Harris fellow recognition for my volunteering work during my stay in the United States.