Alejandro Madariaga Angeles

Oracle, Analytics Cloud — *Software Developer (IC-2)*

July 2020 - Present

- Worked on "Conditional Formatting", this feature allows users to set format (color and font) based on custom conditional rules (**JavaScript, Java**)

TImobile, Internet of Things Web Platform — *FullStack Developer*

January 2016 - June 2020

- Developed data reception web services for Sigfox and SMS, ice and gas vendors using the platform now track sales and consumption in real time (**Django, Node.js, Python**)
- Developed real time data visualisations with i18n support (**React.js, Redux, Socket.io, Canvas, Google Maps API**)
- Developed CRUD for devices and users with i18n support (**Django, React.js, Webpack**)

PIC GENUS, Customer Order Portal — *React.js Developer*

September 2017 - July 2019

- Developed customer module and logistics module for genetic material orders. For PIC, work that took days, is now done in hours (**React.js, Redux, Webpack**)
- Sole developer on the frontend with i18n support for Spanish and English
- Worked directly with PIC's US IT team, as well as end users in Mexico (**English**)

Constructora Chufani, Suppliers Portal — *FullStack Developer*

February 2014 - October 2015

- Developed invoice status reports for Chufani's suppliers, chufani had ~3,000 suppliers, all constantly calling and asking for updates on their invoices (**PHP, JS, HTML, CSS**)
- Developed financial reports, e.g. an interactive cash flow table that can expand and contract rows and columns to reveal more detail in time and category. These reports used to take days to assemble, now take seconds (**PHP, JS, HTML, CSS**)

Portfolio Link

EDUCATION

Universidad Autónoma de Querétaro, México — *Software Engineering*

July 2015 - July 2020

alex-ma.dev
amndell@gmail.com
+52 (442) 330 9174
GitHub: alejandroMA
Linked in:
alejandro-ma-an
Querétaro, México

SKILLS

Experienced

JavaScript
React.js
Python
Django
Jest.js
GIT
Linux, SSH
HTML
CSS

Working knowledge

PLSQL
Node.js
Java
Go

Previous Exposure

Tensor Flow
Swift

LANGUAGES

Spanish (Native)
English (Fluent)

OPEN SOURCE CONTRIBUTIONS

webpack/webpack — #7102

Fix bug where sometimes the runtime chunk would not be present on output

I added the preventIntegration property to the Chunk Class, and use it in the runtimeChunkPlugin, added integration tests

WebPack has 8 million weekly downloads on npm

gpbl/react-day-picker — #939

Fix DayPickerInput value does not recompute on locale change

Fixed by checking for changes in locale related props in componentDidUpdate

typicode/hotel — #131

Fix: Click on chevron won't open log, in safari

Safari would not propagate the click event from a label to a nested radio button, so i changed it to a span

PERSONAL PROJECTS

Visual Math Parser — *link*

- Developed the infix math parser of expressions like "((4.3+1)*5)+4*3-(2*5)) - 14", using binary trees, fully unit tested (**JS, Jest**)
- Developed the interactive visualisation that shows how the tree is constructed and evaluated (**D3.js**)

Nepohualtzintzin — *link*

- An interactive web version of the mayan abacus
- Developed along with my friend Diego Mancilla
- I developed the model that transforms integers to the abacus state an viceversa, using a greedy algorithm, unit tested (**JS, Jest**)