

HECTOR MENDEZ

Software Engineer



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hectorricardo



PROFILE

Engineer focused not only on developing high-quality products, but also on the non-functional requirements of the deliverables. Documentation, maintainability, coding standards, and best practices are equally as important as functionality or efficiency.



DEV SKILLS

java c/c++ ios android
kotlin swift dart scala
python react react-native
angular javascript node.js
html css php laravel git



EDUCATION

M.Sc. in Computer Science

University of Texas at Austin
Austin, Texas, USA

August 2022 — Present Day

B.S. Computer Science

Tecnologico de Monterrey
Monterrey, Mexico

2012 — 2016

Exchange at EPFL, Switzerland

IB Diploma Programme

Monterrey, Mexico

2010 — 2012

Best of class Award



LANGUAGES

Spanish (Native)

English (Advanced)

French (Level B2)



WORK EXPERIENCE

Google LLC (California, USA)

Software Engineer Level 4, March 2021 — Present Day

- Worked in the Connect Cases team, a product that allows Google representative agents to handle and manage incoming customer support requests and cases.
- Designed and implemented several features, going through formal and thorough review processes.
- Work activities span across all the full-stack software engineering spectrum: frontend, backend, databases, alerting, monitoring, deployment, releases, version control, and documentation.
- Participated in oncall rotations to protect the system from outages and maximize its availability as possible.
- Mentored junior teammates and helped them ramp up.

Kalypso, A Rockwell Company (Monterrey, Mexico)

Technical Consultant, January 2017 — March 2021

- Developed IoT apps using the PTC ThingWorx platform.
- Authored the open source thingworx-connect npm library to develop Thingworx web apps.
- Designed and implemented frameworks and libraries for internal use to help colleagues streamline their product development processes.
- Created automated unit test cases to ensure the quality of the delivered products to the client.



PROJECTS

Vocalizer Singing App

Mobile app, Personal Project, June 2018 — Present day

- Developed a multi-platform singing app for Android and iOS to help singers practice their lessons.
- Studied requirements from singers and teachers, showed the app progress and implemented their feedback.
- Created the front-end with React-Native and used native code to build the music generating engine.
- App currently published on the app stores and updates with new features and bug fixes are constantly released.