

# 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.