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Portfolio: <https://robsevcode.github.io/>

Roberto Sevilla Varela

“Learning is the only thing the mind never exhausts, never fears, and never regrets”
- Leonardo Da Vinci

EXPERIENCE

Thermofisher Scientific, Tijuana – *Sr Software Engineer*

February 2020 – CURRENTLY WORKING HERE

- Developed multiple micro services and components for monitoring scientific equipment by using IoT and the latest technologies.
- Following the best driven developments like TDD, DDD and BDD to assure the ISO 27001 for code quality.
- Improving my technical skills and knowledge via yearly goals for self development.

CM Tech Lab, Tijuana – *Software Developer*

June 2019 – December 2019

- Developed a platform used for administrative tasks in a school to automate repetitive processes such as grading students, receiving payments and notifying parents via email or sms for important events.

EDUCATION

UABC, Tijuana – *Computer Engineer*

Learned about low level code and the integration of hardware with software with embedded systems and IoT technologies.

PROGRAMMING KNOWLEDGE

- **Angular 6/12**: Developed the platform used to monitor laboratory equipment by creating reusable components with a clean design.
- **Maven Java 8**: Developed APIs and SDKs used for monitoring laboratory equipment, deployed via **Jenkins** and **Github Actions** to **EKS**.
- **AWS**: Used **S3**, **RDS** and **DynamoDb** for storing data. **Kinesis** to process telemetry. **SNS** and **SQS** to send and receive messages. And more.
- Experience with the **SCRUM** framework, working with a team by using **git** as version control and **github** for pull requests.
- Experience with CI/CD with **Jenkins** and **GitHub Actions**.
- Experience with **Python** for scripts and with **Flask**
- For more, please visit: <https://robsevcode.github.io/>

PROJECTS

RobNotes (2020) – *Ionic 7*

- Hybrid mobile app to organize hobbies (Games, Shows, Books)

MeteoRun (2019) – *Vanilla Javascript*

- Web game with retro vibes that saves high scores, has difficulties and customization

HBConcept Online (2019) – *Javascript with Bootstrap*

- Shopping web page simulator.

Cimaraite (2019) – *Android Studio 2017 with Firebase* • Android app simulation of Uber requesting a ride and receiving on-live feedback

Recomendish (2018) – *Android Studio 2017*

- Android app that recommends dishes depending on the available ingredients and other inputs.

Business Inventory (2018) – *Visual Basic 2017 with SQL Server*

- Business Inventory simulator that saves items and prints an inventory.

Mobile Game AR (2017) – *Unity 2016 with Vuforia*

- Android game with multiple mini games ran with Augmented Reality

Business Inventory (2017) – *HTML, PHP and MySQL*

- Business Inventory simulator that saves items and prints an inventory.

Tales of Alkonost (2016) – *Java 6 GUI*

- Java Game focused on math skills for elementary school kids

To see some of the projects I have worked on, please visit:

<https://robsevcode.github.io/projects>