David Andrés Shugert Padrón
Fullstack Developer

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💼 Professional Experience

Ocean Freight Exchange, *FullStack Developer*
06/2019 – present | Guadalajara, Mexico
- Creation of intuitive, responsive and robust user interfaces using Vue Js and PWA technologies.
- Setup of relational and nonrelational DB with API/Frontend implementation.
- Design scalable, secure and maintainable APIs with RESTful practices and authentication.
- Lead small engineering team into releasing quick and stable code to our clients on a frequent basis using CI/CD practices.
- Improved performance and reduce performance cost of the platform by more than 70% by implementing caching systems, adding PWA and improving server setups.
- Creation of in-house CMS and ERP systems

"3478 Lambot" participating in FRC competition,
Electrical and Programming Mentor of a Robotics Team
2014 – present | San Luis Potosi, Mexico

Briko Robotics, *Project Developer*
01/2019 – 06/2019 | San Luis Potosi, Mexico
- In charge of developing and creating a robot for an international competition.
- 3D designed the robot using Solidworks and programmed using Java and Python for the robot's movement and vision.
- Team Lead in charge of 20 people and lead them to the championship in Houston,Tx.

Robert Bosch GmbH, *Software Developer Intern*
02/2018 – 08/2018 | Abstatt, Germany
- NodeJs Developer for Scripting and Automatization
- Improved team developing speed by 10% by creating a script for faster CI development workflow
- Integration of different API´s and Technologies utilizing Azure
- Creation of unit tests using Mocha and Chai and CI/CD pipelines.

Briko Robotics, *Front-End Developer*
05/2017 – 07/2017 | Mexico
- Creation of interactive HTML5 games.
- Utilizing OpenCV for recognition of images.
- HTML, Javascript and CSS for website maintenance.

📜 Certificates

Modern React with Redux

Junior to Senior Web Developer 2020

Data Structures and Algorithms

🧠 Skills

- NodeJS with Typescript
- Javascript
- React/Redux
- Vue / Vuex
- Responsive design / SCSS
- RESTful Api Integration
- JWT/Cookies Session Managment
- Bash Scripting
- Express Js
- MongoDb
- MYSQL / PostgreSQL
- Gitlab / Git
- Scrum
- Docker
- Python
- AWS / GCP /Netlify Setup
- SSR: NextJs and Gatsby Js
- CI / CD pipelines

🎓 Education

Instituto Tecnológico y de Estudios Superiores de Monterrey, *Mechatronics Engineering*
08/2014 – 12/2018

Hochschule Karlsruhe - Technik und Wirtschaft, *Study Abroad Program*
08/2017 – 02/2018 | Germany

University of Seoul, *Mechatronics Summer School*
06/2016 – 07/2016 | South Korea

🌐 Languages

English (*TOEFL - 640*)   German (*B1*)

Spanish (*Naitive*)

🎖 Awards

National Youth Prize 2012 in Science and Technology
2012