Juan Jose Ramirez

Full-Stack Web Developer - B.S. in Electrical Engineering

Portfolio
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Full-stack web developer with a B.S. in electrical engineering, and a minor in computer science. Recently earned a certificate in full-stack development from the University of Washington, with skills in JavaScript, Python, HTML, and CSS, and responsive web design. Known as an innovative problem solver passionate about developing efficient solutions to problems. Knowledge in algorithms and data structure. With each project, my aim is to be a team collaborator but focus on developing smart solutions adapting to team criteria. I applied aspects of agile development in a recent project. Interested in learning new technologies, coachable, and a good team player.

Skills and Tools

- Advanced: JavaScript, Python, HTML, CSS, React.js
- Intermediate: MySQL, MongoDB, Matlab, Arduino, M. Office
- Basic: C, C++

Projects

- Bird's Eye View: JuanjoRamirez262/birdsblog - A Bird's Eye View
  - In this project I took the role of back-end developer and git administrator. Use MySQL and Express.js to develop in Node.js the backend of the app. Handle login and logout logic using express-session. The app is deployed in Heroku.

Experience

- **Efizity,** Santiago, Chile, *(Summer 2020),* **Energy Management Area Intern**
  Efizity delivers efficient energy solutions to companies.

  Evaluated potential effectiveness of photovoltaic solar project for over 400 branches for the largest bank in Chile. Developed a branch priority ranking based on economic benefit, used to deploy the project in 40 of the branches.
  Create audiovisual material for sales area, explaining the 2019 changes to the Net Billing's law.

- **Enex S.A.**, Santiago, Chile, (Summer 2019), **Strategy and Development Intern**
  Enex is the second fuel distributors in Chile under the Shell license.

  Coordinated the implementation of a customized Salesforce module by partnering with external tech-team to ensure on-time implementation. Solution decreased regional managers' time spent on quality-control evaluations of gas stations by ~25%, and enabled fuel transportation tracking and defects detection.
  Coordinated and support energy efficiency commission and external consulting groups on projects focused in reduce gas station energy consumption and evaluating of potential effectiveness of photovoltaic panels on few gas station.

Education

- **Coding Boot Camp Certificate**, *University of Washington Boot Camp (2021)*
- **B.S in Electrical Engineering**, *Universidad de los Andes, Santiago, Chile (2013 – 2020)*
  - Two years (after B.S. degree) of specialization in Electrical/Electronic Engineering.
  - Minor in Computer Science
  - Assistant teacher: Probabilities and Statistics (6 semesters), Introduction to Renewable Energy (1 semester), Engineering Project Workshop (1 semester).

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