Daniel Rivas

Software Engineer

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Education

- **A.S. Computer Science**. 2016-2018.
  Houston Community College. United States. Cum Laude graduate.

- **B.E. Software Engineering.** 2013-2015.
  Universidad Nacional Experimental del Táchira. Venezuela.

Experience

- **Software Engineer.** 2018 - Present.
  Sabernetic LLC. Houston, TX. United States.
    - Design, develop and maintain a microservice-based architecture for agile development and delivery. Using Python's Nameko library for the implementation of the microservices, and Kubernetes for running them in a cluster.
    - Distributed tabular data-structure for transactional and analytical processes over large amounts of data. Using Cassandra for available and tolerant data-layer, ElasticSearch for exploration, and Apache Spark for computations.

- **Full-stack developer.** 2015 - 2018.
  Upwork. Remote.
    - ETL programs (Extract, Transform, Load) for multiple data-sources and environments.
    - Landing pages and business development websites. Using frameworks like Hugo (static sites), Phoenix (Elixir, full-stack), and Wordpress in legacy cases.

- **Front-end developer.** 2014 - 2015.
  Fix Computing. Tachira, Venezuela.
    - Landing pages and marking-oriented websites. Work included wireframing, design outline with Photoshop, and websites implementation using HTML, CSS, and JavaScript.

Skills and competencies

- **Front-end:** HTML5, CSS, JavaScript, and React. Other utility tools such as Gulp, Brunch, and Webpack.
- **Back-end:** Python web frameworks such as Flask and Nameko. Web services written in plain Golang that including authentication, validation, and other common API gateway tasks.
- **DevOps:** Continuous delivery with Concourse. Some cloud infrastructure with Google Cloud and Kubernetes. Version control with Git.