

Kevin Migueis

Software Engineer

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Projects

SkiBnB (JavaScript, React, Redux, Rails, PostgreSQL, AWS)

<https://ski-bnb.herokuapp.com/#/>

- A web application allowing users to book ski-friendly accommodations based on location and price.
- Integrated Google Maps API to filter search results using geolocation, and immediate pan of map over to area of interest upon successful search.
- Added functionality allows users to review their stays with those reviews displayed on the particular home's detail page.
- Users can customize their profile with a profile picture and update their personal information.

Experience

BASF Corporation, *Process/Product Development Scientist*

Tarrytown, NY

March 2013 – June 2017

- Developed commercially viable products for the carbon fiber and fiberglass composites industry to improve material performance or cost benefit to the manufacturing process. Provided technical support for customers.
- Led and developed, with high level of independence, alternative epoxy Sheet Molding Compound system for a potential **\$20 million** project involving the next generation **Corvette and other automotive platforms**. System improved shelf life of BASF's existing product from **3 days to over 4 weeks**, and further **improved system flow resistance, thermal performance (8%), and cycle time (20%)**.
- Created EHS compliant composite pipe replacement material for Oil & Gas industry in a **\$2 million** project that **improved minimum cure temperature from 140°C down to 115°C** compared to other alternatives. **Directed multiple successful product qualifications** involving a high degree of problem solving at customer's production facility.

Professional Skills

JavaScript
react.js
Redux
Ruby
Ruby on Rails
jQuery/AJAX
JBuilder
HTML5
SCSS
Git

Education

App Academy

New York, NY 2017

Full Stack Development school with 1000-hrs intensive training and 3% acceptance rate

Stevens Institute of Technology

Hoboken, NJ 2012

Bachelor of Engineering in Chemical Engineering - GPA: 3.85
Curriculum Highlight:
Intro to Programming in C++
Engineering Statistics

Certificates

(UC San Diego/Coursera)
Object Oriented Programming in Java
Data Structures
Algorithmic ToolBox