**ROB WILLIAMS**

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**TECHNICAL SKILLS**

* Front End | JavaScript (ES5, ES6), React, HTML5, CSS, SASS
* Back End | Python, Express, PostgreSQL, MySQL, RESTful API development, Node
* Testing / Deployment | Jest, Mocha, Chai, AWS: EC2 / S3
* Developer Tools | Vim, Git, Webpack, Babel, Agile Methodology, TDD, Jira, VS Code, Postman

**SOFTWARE ENGINEERING APPLICATIONS**

Front End Engineer | **E-commerce front end application** | [github.com/Team-Gouda-FEC/gouda-catwalk.git](http://github.com/Team-Gouda-FEC/gouda-catwalk.git)

* Dynamically rendered product ratings & reviews components of a e-commerce website using a combination of React hooks and conditional rendering techniques
* Built a review form to capture user reviews with client side validation using Material UI and Javascript
* Used RESTful promises to update the main reviews state and child ratings metadata

Back End Engineer | **E-commerce back end server and database** | [github.com/trashpanda-sdc/qa.git](http://github.com/trashpanda-sdc/qa.git)

* Architected a RESTful Q&A API for an e-commerce platform server using Express and PostgreSQL
* Initiated SQL queries to transform 3 relational data tables into usable datasets
* Implemented indexing to decrease query time from 7000ms to 50ms across millions of records and multiple tables
* Deployed servers across AWS EC2 instances and connected Express API to the PostgreSQL database

Full Stack Engineer | **Dog adoption and breed research application**  | [github.com/hratx-blue-ocean/WOOF.git](http://github.com/hratx-blue-ocean/WOOF.git)

* Collaborated with the design and back end teams to deploy a web application within a tight timeline contributing multiple key features
* Created dynamic and modular React components for the team to use across the site, reducing the teams overall development time contributing to application completion 1 week prior to deadline

**WORK EXPERIENCE**

Moda Operandi *- NY, New York*

**IT Manager |** 01/2019 - 12/2020

* Directed a team of three, providing quality tech service while supporting the company's goal to scale from approximately 250 employees to 500+ internationally
* Organized and maintained IT best practice documentation for staff, reducing user downtime

**Senior Desktop Support Engineer |** 07/2017 - 12/2018

* Implemented user focused cloud ticketing system and reporting tools within Jira improving tech productivity
* Collaborated directly with project managers to identify and quickly address problems and adjust plans to account for dynamic targets

**Helpdesk Support Technician |** 07/2013 - 06/2017

* Overhauled an application using python and visual basic, providing key data for cross departmental reports
* Provided IT support for startup company scaling to 200 users in a fast paced environment
* Identified and resolved bottlenecks to encourage smoother procedures, and more efficient workflows

**EDUCATION**

**Galvanize** -Certificate in Advanced Software Engineering | 2021

**YearUP** *-* Certificate in Information Technology | 2012