**ROB WILLIAMS**

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**TECHNICAL SKILLS**

* Front End | JavaScript (ES5, ES6), React.js, HTML5, CSS, SASS, Material UI, Figma
* Back End | Python, Express, PostgreSQL, MySQL, RESTful API development, Node.js
* 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)

* 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
* 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

* Direct management and oversight of IT staff in the US, UK, Romania and India providing quality tech service while supporting the company's goal to scale from approximately 250 employees to 500+ internationally
* Established IT Operations and Information Security manuals and best practice documentation
* Quarterly assessment of existing systems and strategies to identify key areas of improvement
* Successfully designed, built and delivered all IT and security related infrastructure and services for office warehouse and photo studio facilities in New York
* Leveraged new technologies to maximize productivity through employee feedback and regular collaboration with department heads

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

* Implemented user focused cloud ticketing system and reporting tools within Jira improving tech productivity
* Collaborated with leadership to identify concerns and adjust plans to account for dynamic targets
* Overhauled an application using python and visual basic, providing key data for cross departmental reports

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

* 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