Vivek Patel

138 Prowse Avenue, St. John's, NL (A1C2M7)
+1 (709) 697-4815

vivek.d.ptl@gmail.com
github.com/vivekdptl
linkedin.com/in/vivekdptl

EDUCATION

- **Memorial University of NewFoundland** — St. John's, NL
  Master of Science in Computer Science — *Expected AUG. 2021*

- **Dharmsinh Desai University** — Nadiad, India
  Bachelor of Technology in Information Technology — *May. 2018*

TECHNICAL SKILLS

- **Languages**: Java, Python, JavaScript, Node.js, HTML, CSS, Angular, R, PL/SQL, Ruby

- **Technologies and Databases**: jQuery, Restful Web Services, MySQL, Bootstrap, Rails, PostgreSQL, MongoDB

- **Tools**: Git, Jira, Jupyter, IntelliJ, Visual Studio, PostGIS, RStudio, AndroidStudio

EXPERIENCE

- **InformationWorks Systems and Solutions Pvt. Ltd.** — Vadodara, India
  Software Developer — *May. 2018 - June. 2019*
  - Worked on developing Customer Relationship Management applications and white label solutions based on business context and clients requirements.
  - Worked as full-stack developer. Designed user-interface pages using Bootstrap, custom CSS, JavaScript/JQuery, and JQuery UI.
  - Knowledge of developing and debugging in Ruby on Rails. Also, provide software specification and production quality code on time to meet project milestone. Maintain design workflow and project management, establishing priorities and meeting deadlines.

- *Software Developer Intern* — *May. 2018 - June. 2019*
  - Contribute and participate in new feature product specifications. Work closely with Android development team to ensure business and client requirements.
  - Developed an admin app that handle the behaviour of the actual app. Developed core functionalities in an agile environment using Ruby on Rails.

PROJECTS

- **StarCraft gaming data visualization and analysis**
  D3.js, Python — *Oct. 2019 - Dec. 2019*
  - Developed rich interactive graphics and data visualizations of large structured StarCraft gaming data in browser-friendly formats using D3.js.
  - Project results were aimed to help client improve performance of game in future tournaments by analysing various factors from the visualization.

- **Nature's Palette**
  MEAN Stack — *Oct. 2019 - Dec. 2019*
  - Developed a curatorial pipeline that will allow researchers to easily supply their spectral data without going through onerous data processing, a major barrier to data sharing.
  - An interface was provided to the researcher to search, download and upload data following DARWIN core vocabulary. As future work, project can be extended to support all types of file formats.

- **Hypothetical database system**
  Python — *Oct. 2019 - Dec. 2019*
  - The goal of this project is to implement a hypothetical database system that consists of the simplified versions for three relational algebra operations, select, project and join, a limited form for B+ tree index, and a few other utility functions.

- **Real Estate Management System**
  LAMP Stack, Slim — *Dec. 2016 - Jan. 2017*
  - Developed the project which explores RESTful Web Services principles and full Stack Development. The system provides a common platform for buyers & sellers to locate properties of interest and source information about all property related issues.