PRATAP KANSARA

DEVELOPER

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SKILLS

Programing languages: JavaScript, TypeScript, Python, SQL, C++, C, VHDL

Tools: AWS, Tableau, Looker, GIT, VScode, Visual Studios, Pycharm, Fusion 360, Selenium

Frameworks: React, Express, Flask

XML, Jinja, HTML, CSS, Bootstrap, SASS

EDUCATION

ASSOCIATE DEGREE OF COMPUTER SCIENCE

COLUMBIA COLLEGE
2019-2021

- Data Structures and Algorithms
- Software Development Life Cycle
- OOP
- Networking
- Data Analysis LIfe cycle
- Functional Programming

LANGUAGES

English
French
Hindi
Gujarati

CERTIFICATIONS

Data Analytics Certificate- Google Inc.

The Complete JavaScript Course 2023- Udemy.com

React - The Complete Guide 2023 (incl. React Router & Redux)- Udemy.com

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HOBBIES

- Racket sports- Badminton, Tennis, Squash, etc.
- Reading- Non- Fiction, Mystery, etc.
- Biking, Camping, Hiking
- PC Building, Keyboards, Audio Gear

PROJECTS

Student Portal- Web Application

- Developed an intuitive UI/UX for the users utilizing Jinja, Vanilla JavaScript and Bootstrap 5
- Used object-oriented paradigm and **Flask** framework to achieve functionalities such as account creation and login. Utilized technologies such as **WT_forms** and RenderTemplate to efficiently implement functionalities
- Made use of **SQL** to efficiently store and retrieve user data in order to achieve secure and smooth functioning of the website.

Cook Book Website

- Aided the user experience by implementing safeguards against slow connections by displaying loading spinners and utilizing other techniques.
- Used methods such as **Pollyfilling** and **Transpiling** to optimize the code and to extend the support of the application to older browsers.
- Increased the performance of the website 3 folds by running multiple async tasks together.
- Implemented the **MVC** architecture for the development of the project
- Getting and posting data from/to API
- Consistently marked code with notes using **JSDoc**
- Utilized the publisher subscriber design pattern
- Improved user experience by storing data on the browser's local storage

E-Bike Vendors Locator for BC Rebate Program

- Project inspiration came from lack of features on the official website
- Used **Beautiful Soup** and **Selenium** with Python for data collection
- Utilized **React** to build UI effeciently and **Google Maps API** for displaying the map on screen
- Implemented user auto location for ease of use
- Made use of **ComboBox** module to efficiently collect user's input
- Hosted the backed application on **AWS**, Wielded **S3** for storage, **Cron job** and **Lambda** function were deployed as well.

INTERNSHIPS

Allianz Cloud

Web Developer Intern- April 2023 - July 2023

Techno Brain Uganda

Industrial Work Experience - June 2018