Radesh Shiwlochan

Personal-Website: https://radeshshiwlochan.herokuapp.com/
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EXPERIENCE

SyncIoT – A startup using IoT devices to monitor household energy consumption New York, NY
Full Stack Developer 12/17 – 02/18
- Integrated authentication using Passport.js, allowing app users to create accounts and store their data
- Used MongoDB to make asynchronous calls to the database to pre-populate the webpage with the user's data
- Displayed users' energy consumption using D3.js allowing them to visualize their energy usage with graphs
- Utilized Bootstrap, HTML5, and CSS3 to create a responsive user-interface for mobile and desktop devices
- Provided consultation on libraries and frameworks to implement the web application features and functionality

PlateRate – A startup connecting people to restaurants based on their food preferences New York, NY
Full Stack Developer 06/16 – 08/16
- Integrated Yelp and Google Maps API for retrieving restaurant information
- Stored users' food preferences in the MongoDB database to help curate restaurants that fit those preferences
- Developed algorithms using JavaScript, maintaining the database integrity by preventing duplicate users
- Queried the MongoDB database within Node.js routes handlers to preload users' profile data
- Built the user-interface of the web application, utilizing accordions, drop-downs and check-boxes

New York Code + Design Academy New York, NY
Tech Talent Pipeline Resident 05/16 – 06/16
- Utilized OpenWeatherMap API to create a weather application that displays the temperature based on the user's location
- Built a To-do app using Node.js, Bootstrap, HTML5, and CSS3 allowing users to organize their activities
- Created a website using Bootstrap, CSS3, HTML5 which displays famous museums in New York City

PROJECTS

Day Planner – a REST application that allows users to plan their day based on the weather and traffic information
- Incorporated the use of Google Traffic and Dark Skies APIs to retrieve traffic and weather data
- Stored users' notes using MongoDB at the back-end and displays a preview of the notes on the home page
- Implemented the front-end using EJS, a templating engine for fast website development

PicSnap – a Instagram clone that allows users to create accounts and upload pictures to their profiles
- Used Cloudinary API for uploading users' images to their profiles
- Stored the users' profile data along with images they upload to a MongoDB database
- Implemented the front-end using Node.js, Bootstrap, CSS3 for styling and design of the application

SKILLS
Technologies: C++, Java, JavaScript, Python, HTML5, CSS3, MongoDB, WordPress, PostgreSQL
Libraries & Frameworks: Node.js, Express.js, Boostrap, D3.js
Other: Git/GitHub, Terminal, Heroku, XCode, Webstorm, Eclipse, Sublime Text, VIM, X-Code

EDUCATION
Master of Arts in Computer Science Flushing, NY
Queens College, The City University of New York **Graduated:05/17**
Relevant Coursework: Design and Analysis of Algorithms, Data Structures, OOP in C++, OOP in Java, Database Systems, Operating Systems, Natural Language Processing

Bachelor of Arts in Mathematics Flushing, NY
Queens College, The City University of New York **Graduated:05/15**