MILAN BAROT

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EDUCATION

Borough of Manhattan Community College, City University of New York, New York, NY   Dec '18
Associates in Applied Science degree in **Computer Information Systems**

Coursework: *Web Programming, Database Management Systems,*
Telecommunication Networks, Multimedia Programming, UNIX, Discrete Structures

EXPERIENCE

Nielsen Corporation, Ahmedabad, GJ, India   Jun '13 – Aug '13
Junior Market Researcher
- Conducted market research for qualitative analysis of key industry trends and future developments
- Analyzed buyers based on market trends of mobile phones, radio transmitters and television cameras in India
- Surveyed telephonic, in-person data and competitor reviews that defined market areas for identifying local customer patterns

Indicyb Solutions, Vadodara, GJ, India   Feb '14 – Aug'14
Web Developer
- Gained knowledge in designing, developing and testing HTMLS, CSS3, Bootstrap, and JavaScript and JQuery that meets accessibility and web browser standards for website.
- Gained knowledge in end-to-end development of website from requirement analysis to system study, designing, coding, testing, de-bugging, documentation and implementation
- Extensively used Git for version controlling and regularly pushed the code to GitHub.

Borough of Manhattan Community College, CUNY, New York   Jun '18 – Feb '19
College Assistant
- Duties included scanning, photocopying, responding, updating and maintaining handbooks and materials for distribution
- Operating computers, computer software and other electronic equipment in performing the assigned tasks
- providing assistance to students and administrative staff

TECHNICAL SKILLS

Programming Languages: Java, SQL, Bash/Shell scripting
Version Control: Git
Web Technologies: WordPress, JSON, HTML5, CSS3, JavaScript, PHP, JQuery, Bootstrap, NodeJS
Applications and Tools: Sublime, Atom, MySQL Workbench, Microsoft Office, Adobe Premier Pro, Command Prompt, Microsoft Office Server 365
Database Systems: MySQL, PHPMyAdmin
Operating Systems: Unix/Linux**,** Windows, Mac OS, Android

RELEVANT PROJECTS

Traveller's Paradise Website   [https://github.com/70milan/travellerSite]
Designed and developed a Travel Agency website using web development essentials such as HTML, CSS (PostCSS) and JavaScript (Babel,Webpack). Used Git, GitHub and gulp essentials to collaborate with project partner and deploying website live.
- Was primarily responsible for the front end User Interface of the website.
- Used Node.js tools like Gulp and NPM to automate the whole procedure.
- Extensively used responsive CSS by implementing techniques (Mobile-first, BEM & PostCSS) and wrote media queries to style the website and to keep the code well organized.
- Wrote well-structured JavaScript code using Babel & webpack.
- Used MySQL as a database management tool.

Hospital Management System
Developed a web application to enable users enter symptoms and get doctor recommendations in their locality for the Borough of Brooklyn area involving 500 doctors, 283 clinics and 211 emergency centers.
- Responsible for the backend operation of the project by providing raw data in a user friendly format
- Developed a web-scraping application to extract data from websites, cleansed and formatted the data, treated missing values and outliers and entered the data in RDBMS format using MySQL

CUSTOM & INTERACTIVE WordPress Powered Website   [https://milanb1.sgedu.site/]
Created a custom and interactive "Fictional University" WordPress website using PHP, JavaScript, WordPress theming & the WordPress REST API.
- Created WordPress custom field Post types and custom fields and used JavaScript to communicate with the WordPress backend.

- Created "Live/on the fly" search functionality using JavaScript and JQuery which was then connected to the backend using JSON and WordPress Rest APIs.
- Worked and customized WordPress Rest APIs and created raw JSON data.
- Made "Note taking" feature using JQuery/JavaScript which is enabled only when a user is logged into his/her account.
- Created a "like" feature on the website using Custom post types where users can provide feedbacks to the professors using "like/heart" button functionality.
- developed multiple WordPress powered websites/blogs as a freelancer.

CERTIFICATIONS

- Google Analytics Certification 2019
- Udemy Certificate of completion – WordPress
- Udemy Certificate of completion – Linux