YACHANA

Phone: 416-768-1816

E-mail: yachnamahajan24@gmail.com

PROFILE

- IT Professional with 2+ years of Full stack / Web development experience using MEAN stack.
- Experience in working with HTML5, CSS3, JavaScript, SQL, jQuery, AJAX, XML, JSON and Bootstrap.
- Certified IBM-DB2 Academic Associate: Db2 Database and Application Fundamentals.
- Proficiency in creating database schema objects, stored procedures in MySQL.
- Experience in Adobe Photoshop, WordPress, GitHub, Bit bucket, Microsoft Office.
- Familiarity in working with both Linux and Windows operating systems.
- Working knowledge of common browser debugging tools in (Chrome and Firefox).
- RESTful API development and testing using POSTMAN and INSOMNIA.
- Completed online course of JavaScript on Code with Mosh.
- Can work hard and in a team environment.
- An optimistic individual with sincerity towards work.
- Ability to quickly grasp intricate issues.
- Positive attitude for challenging jobs.
- An effective communicator with strong analytical, interpersonal, problem solving skills.

RELEVANT WORK EXPERIENCE

WEB DEVELOPER | *Edge Infotech, India*   **July 2016 – April 2019**
- Designed workflows and UI for better user experience.
- Worked on the development of responsive front end based on HTML5, CSS3, Bootstrap, JavaScript, and jQuery.
- Development of back-end features in PHP and MySQL.
- Working collaboratively with team members and participate in code review process.
- Research and identify the novel areas of innovation to optimize performance and reliability.
- Testing front-end code in multiple browsers to ensure cross-browsers compatibility.
- Analysis / debugging of user reported issues and implementation of the relevant solutions.
- Modified the existing frontend created with Bootstrap and jQuery.
- Created the documentation and training videos to support the end users.
- Weekly consulted client on the progress of developing website to check for possible improvements, suggestions, or requirements
- Tested newly designed website by researching user's requirements

WEB DEVELOPER (INTERNSHIP) | *Appin Technology, India*   **July 2013 – Dec 2013**
- Worked with the database design in MySQL for an e-commerce application.
- Implemented the font-end using HTML, CSS, and JavaScript.
- Worked with the PHP backend using MVC framework for the implementation of Business logic.
- Contributed towards the documentation and training to support the web applications.

EDUCATION

POST GRADUATE DIPLOMA | Conestoga *College Kitchener, Doon Campus, ON*   **May 2019 – Aug 2020**
    Web Design and Development
- Relevant courses: Responsive web design, Adobe Photoshop, MEAN Stack, MySQL, JavaScript, WordPress, Web traffic, PHP.
- GPA: 3.7 / 4.0

MASTER OF TECHNOLOGY | *Guru Nanak Dev University, India*   **Aug 2014 – May 2016**
    Computer Science and Engineering
- Relevant courses: Object Oriented Programming, O.S, Data Structures, DBMS.
- GPA: 9.49 / 10

PUBLICATIONS

SCI Journal Publication
- Yachana, Navroop Kaur, Sandeep K. Sood, "A Trustworthy System for Secure Access to Patient Centric Sensitive Information", Telematics and Informatics, **Elsevier Ltd**. **Indexed in SCI, Thomson Reuters. (Impact Factor: 3.34), DOI:** http://dx.doi.org/10.1016/j.tele.2017.09.008.

PROJECTS

Mw Cars   *(PG DIPLOMA PROJECT)*
- Technology Used: MEAN STACK
- Developed web application which is used to showcase car models available from database (Mongo DB) and on request various CRUD operations can be performed for SPA application.
- User will use services to interact with data through Restful API that is HTTP methods and get response from database.
- Various components designed to make reusable block of code for front-end.
- **GitHub link:** https://github.com/yachnamahajan24/MW-Cars-MEAN-

COVID-19   *(PG DIPLOMA PROJECT)*
- Technology Used: D3.js library
- Dashboard which is used to visualize dataset containing statistics on COVID-19 with some of the graphs displaying most effected and least affected countries.
- It takes data as .csv and .geojson and uses it in a variety of ways.
- Four graphs included in the project with addition of interactive features are Bar chart, Globe, Map and Pie Chart.
- **GitHub link:** https://github.com/yachnamahajan24/COVID-19-DataVisualization-
- **LiveURL:** https://co0vid-19.herokuapp.com/

ZANGO   (*PG DIPLOMA PROJECT)*

- Technology Used: HTML, CSS, JS, jQuery, AJAX, JSON
- Zango is an online gifting platform, providing you the comprehensive range of the lovely cakes in lip-smacking flavours, exotic flowers in lovely arrangements and some other adorable gifts to make your every celebration, a memorable one.
- User can select items and add to your cart. Cart shows total cost of the items present. From Cart user can delete items and add items and can proceed to checkout.
- Responsive Website
- Use of various tools and techniques such as history object, various jQuery methods, events, XML Http Request object to get XML/JSON data.
- **GitHub link:** https://github.com/yachnamahajan24/Winni
- **LiveURL:** https://winni-js.herokuapp.com/