Vatsal Chauhan

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Linked-In Profile:
https://www.linkedin.com/in/vatsalchauhan12/
GitHub Profile: https://www.github.com/vatsal121/
Site: https://vatsal121.github.io/portfolio-website/

FULL-STACK DEVELOPER

Profile

- Full Stack Developer with experience of 5+ years.
- Excels at clear and transparent communication.
- Excellent problem solving skills.
- Team Player.
- Experienced in multiple front-end and back-end frameworks.
- Experienced especially in .NET, React JS and Node JS.
- Experience using CI/CD pipelines in Azure, AWS and Heroku.

STRENGTH

Problem-solving and decision-making, Excellent team member with a positive attitude.

EXPERIENCE:

GIS Full Stack Developer at Fujitsu Canada   Year: Jan 2023-Present

- Experienced developing, deploying, and maintaining GIS applications for web, desktop, and mobile platforms.
- Experienced in developing GIS applications using Angular 15, .NET Core and SQLite DB with geospatial data and render them on maps.
- Experienced working with Mapbox, Google Maps, etc.

Software Engineer at HCL Technologies   Year: May 2021-Dec 2022

- Experienced in developing custom applications for Zoom and Webex using Node JS, React JS with support of all zoom functionalities like sharing apps to participants, breakout rooms, share and present to all the participants, etc.
- Experienced in developing custom applications for Microsoft Teams using Node JS, React JS, .NET with features like adding or using apps as Personal App, Tab App, Message Extension, Link Unfurling, Meeting Extension.
- Deploying applications on Azure, Creating bots and integrating it in applications used in Microsoft Teams.

Technical Lead and Sr. Software Developer at NatRIX Software Pvt.Ltd   Year: 2017-2020

- Experienced in Entity Framework (code first and database first approach), unit tests using jest, etc.

- Experience on various frontend technologies like React JS, React-Redux, Angular, Ember JS, etc.

- Developed and coded on various server-side technologies like ASP.NET MVC, .NET Core, Node JS, etc.
- Used the latest styling libraries like Bootstrap, Material UI and used their components and styling for frontend technologies.
- Created/developed and deployed Web Apis in .NET and Node JS and also know JavaScript, jQuery, jQuery UI, etc.

- Designed and structured on Databases like SQL/ T-SQL, MySQL, Azure Cosmos DB, MongoDB, Arangodb, PostgreSQL.

- Implementing new features and Bug fixing as well as accessing live Apis i.e., Swagger, Facebook, Twitter, Pinterest, YouTube, LinkedIn, etc.
- Very good communication with the client and handling a team and managing the client and preparing estimations and delivering to the client.
- Experienced with CI/CD pipelines, Source control management tools like Github, Bitbucket, Azure TFS, etc and Project management tools like Jira, Trello, Asana, etc.
- Experience in Azure, AWS, Heroku, etc. with deploying and integrating code pipelines for auto deploying with different source control platforms like GitHub, GitLab, Bitbucket, etc.
- Little bit experience on React Native, Xamarin MVVM, etc.

PROJECTS

1. **Transportation Management System:**

- Created project using the ASP.NET MVC (MVC structure)
- Built, designed and integrated Controllers, JS and HTML for binding
- Integrated as well as developed Web Apis for performing the operation.
- Developed functionality on Syncing the data from mobile to APIs in real-time
- Written various complex Stored Procedures and functions for syncing and data processing.

2. **Estate Infinity**

- Created project structure using React-Redux, .NET CORE.
- Used Azure COSMOS DB for storing the data and procedures to execute large sets of data.
- Created and Wrote procedures to perform some various complex tasks.

3. **Sequris**

   https://www.cyberforceq.com/

   ● Created project structure in ASP.NET MVC and React JS.
   ● Created components in React JS.
   ● Implement Metabase for calculating the metrics (https://www.metabase.com/).
   ● Use highcharts for displaying the charts and use Kendo UI.
   ● Implement auto sync of new metrics value from the metabase and processing and calculation to the database for the same.
   ● Also worked extensively on the Database side like creating recursive functions and implementing complex Stored Procedures for calculations.

4. **SocialHootz**.

   https://socialhootz.com/

   ● Created the project in Angular 5 and .NET CORE Microservices architecture using Azure Fabric Services.
   ● Worked on Creating components using Material UI.
   ● Worked on Web APIs code first approach.
   ● Worked on upgrading the Angular version from Angular 5 to Angular 7 and then to Angular 9

5. **Haus California**

   https://hauscalifornia.com/

   ● Haus California is a website developed to show the personal portfolio and the properties sold by the Real Estate Agent.
   ● Developed the whole site from scratch which includes implementing features for displaying the properties of the user.

6. **Home Inspection**

   https://calwesthomeinspection.com/

   ● The website is developed to facilitate home inspection before purchasing or listing a property, view the types of service provided and how the report will look once home is inspected.
   ● Website is built using HTML5, Bootstrap, CSS, jQuery and other plugins required.

7. **WebApis**

   ● Created APIs in.NET and Node JS.
   ● Used different database connectors to connect the Node JS API app to communicate to the backend DB.
   ● Implemented JWT to authenticate users, etc.

Academic Projects

E-commerce Website :
- Intention to build this website was to learn how to work with the group and create a dynamic atmosphere.
- It was designed in the group of two people and the website was totally responsive.
- It was also developed to put our web development skills into practice so it was purely designed with HTML and CSS3.

Dating-site :
- Purpose of this website was to create a dynamic atmosphere for the user to date online and to make new friends and it can also give the freedom to text the end user.
- Frontend was built with the help of Bootstrap 4 and HTML and the backend was designed with PHP and a MySQL database was used.

Quiz-Web-Application :
- Target for building this project was to elaborate the knowledge of Javascript and gain more knowledge on the Javascript frameworks.
- Frontend was built using React JS and Backend was made using Node JS with MySQL as a database.

Shopping Cart App
- Purpose of the app was to put test the concepts and knowledge gained from C# WPF course.
- Applications contain two users Admin and Customer where admin can manage inventory and customers can add/edit/delete products from the cart as well as update the cart.

Banking Application
- Create a small banking application using advanced C++ concepts.
- Saved data in a text file and retrieved the data from the same.

Music Album
- Purpose of creating this project was to put the knowledge on test on how frontend and backend communicate and how the REST APIs work.
- Used React JS as frontend and Node JS as backend APIs. The database used was PostgreSQL.
- Used Discogs API to fetch the music Album and store those selected albums to the user's own database.

E-Commerce App
- Created a small demo using Android(Java).
- Database used SQLite.
- Used Recycler View to dynamically load data from the database and put animations on it.
- Users can add products to cart, remove them, update quantity in cart and proceed to checkout.

EDUCATION

- **Post-graduate diploma in Programming and Web Technologies (AEC)**
  Institut Supérieur d'Informatique - 2022
  Montreal, Quebec, Canada.

- **Master of Computer Applications (M.C.A)**
  Department of Computer Science, Veer Narmad South Gujarat University - 2018
  Surat, Gujarat, India.

- **Bachelor of Computer Applications (B.C.A)**
  C.B. Patel Computer College - 2016
  Surat, Gujarat, India.