KRISHNAKANT G

SR. DEVELOPER

PROFILE SUMMARY

Aiming to achieve a challenging & successful career where I can make a significant contribution using my innovative ideas, knowledge, skills, experience and corrective measures, dedication and hard work with the objective of development & growth of the Organization. To attain continuous growth by adding tangible & intangible benefits to the organization by implementing my qualification, knowledge and skills.

EXPERIENCE

- 4.6 years of experience in the field of software development.
- Currently working with Cyber InfraStructure as Sr. Software Developer.

PROFESSIONAL SUMMARY

- Having 4.6 years of work experience on development in Microsoft Technology with HTML5.
- Problem-solving abilities to effectively work with geographic data and develop Geo-spatial solutions.
- Proficiency in GIS concepts, including spatial data models, coordinate systems and map projections.
- Extensive work on HTML5, C#.NET, ASP.NET, jQuery, Rest API's etc as software developer in IT Industry.
- Have Experience in working with Agile or Scrum software development methodologies.
- Good Hands on exposure to different phases of software development life cycle (SDLC) including System Analysis, Design, Development, Deployment & Documentation.
- A self-motivated, dedicated team player with excellent problem solving, analytic, good communication and interpersonal skills also has the ability to work independently under pressure as well as team.
- I had performed a key role in establishing Financial Data Feed. Worked as a part of Front-end Web Development and Data Visualization with Perspective.
- Worked with Node JS, GitHub, Type-script, Financial Analysis and Technical Communication.

S K I L L S

Language	C#
Technologies	ASP.NET, ASP.NET MVC, .NET Framework(3.0,3.5,4.0,4.5), ADO.NET, Web API, LINQ, AJAX, Asp.net Core 3.1, 6.0, **OpenLayers, Geographic Information Systems (GIS), Geo-spatial development, spatial algorithms and models, Mapbox,** etc.
Database Language	SQL, Entity Framework 6, Fire Store, Cosmos DB, No SQL
Internet Technologies	XML, JSON, **GeoJSON,** JavaScript, jQuery, HTML, HTML5
Database	MS SQL Server 2005/2008/2014/2016/2018/2019, PostgreSQL, **PostGIS**

IDE	VS 2013/15/17/22
Source control	Source tree, GitHub, bit-bucket
Cloud Computing	Google Cloud, AWS Cloud, Azure Cloud
Others	CI/CD implementation using Azure DevOps, Azure/Google Functions, Azure tables, **OpenLayers**, **Mapbox**, Blob storage, **Google Maps API**, Google Cloud Run, **GeoServer**, Google Big Query, Google API Gateways, GitHub Actions etc.
Certificate	Introduction to web programming for GIS application (URL)

PROJECTS IN BRIEF

Company: Cyber InfraStructure, Indore **Role:** Sr. Developer

Fleet Tracking:

Summary : In this project, we're focused on optimizing truck routes for efficient fleet management. Utilizing advanced Geo-spatial technology, we track route distances from multiple points while prioritizing time and fuel savings. Our aim is to streamline the delivery process, ensuring timely arrivals and minimizing fuel consumption. Through careful route optimization, we're poised to enhance operational efficiency and drive cost savings for your truck fleet.

In our project, we made great use of the OpenLayers API, bringing our maps to life with its fantastic features. It allowed us to create maps that were not only dynamic but also interactive, giving our users an engaging experience as they explored our platform.

Key features :

- Route Optimization: Prioritizing time and fuel savings by optimizing truck routes for efficient fleet management.
- Geo-spatial Technology: Utilizing advanced Geo-spatial technology to track route distances from multiple points.
- Timely Arrivals: Streamlining the delivery process to ensure timely arrivals at designated destinations.
- Fuel Consumption Reduction: Minimizing fuel consumption through careful route optimization techniques.
- OpenLayers API Integration: Enhancing map functionality with dynamic and interactive features for an engaging user experience.
- Interactive Maps: Creating maps that offer users an immersive experience, allowing them to explore the platform with ease and interactivity.

Roles & Responsibilities : Design, Development, Maintenance, Client Communication.
Team Size : 01
Technology Used : C#, Asp.Net, JavaScript, **OpenLayers**, PostgreSQL, HTML, CSS

Company: Cyber InfraStructure, Indore **Role:** Sr. Developer

Direct Booking Tool:

Summary : Within this project, we employed the Google Maps API as a pivotal tool for routing pinpoint locations and delivering accurate directions, particularly when users selected properties from our website. By harnessing the power of this API, we significantly enhanced the user experience, enabling seamless navigation and facilitating efficient property exploration. This integration not only streamlined the process of locating desired properties but also contributed to a more engaging and interactive platform for our users.

Key features :

- Google Maps API Integration: Utilizing the Google Maps API to route pinpoint locations and provide accurate directions.
- Property Selection: Allowing users to select properties from the website for navigation purposes.
- Enhanced User Experience: Significantly improving the user experience by enabling seamless navigation and efficient property exploration.
- Streamlined Location Process: Streamlining the process of locating desired properties for users.
- Engaging Platform: Contributing to a more engaging and interactive platform for users through map integration and navigation features.

Roles & Responsibilities : Design, Development, Maintenance, Client Communication.
Team Size : 02
Technology Used : Google Cloud Products, Asp.Net Core 3.1 MVC, Entity Framework core, **Google Maps API**, Identity, HTML, CSS, JQuery, AJAX, Java script

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Company: Cyber InfraStructure, Indore **Role:** Developer

MapTime:

Summary : In our project, we've implemented sophisticated mapping functionality to meticulously track the real-time locations of our truck partners. This enables us to provide them with accurate and efficient directions, ensuring they reach their assigned job destinations for delivering goods promptly and effectively. By integrating this technology, we've optimized our delivery process, enhancing task management capabilities and facilitating seamless coordination between our team and our truck partners.

We're now able to track progress as it happens, so we can quickly address any hiccups along the way. Plus, it's made working with our truck partners a breeze. We're all on the same page, working together seamlessly to get the job done right, every time.

Key features :

- Real-Time Location Tracking: Meticulously tracking the real-time locations of truck partners.
- Accurate Directions: Providing accurate and efficient directions to truck partners for reaching assigned job destinations promptly.
- Optimization of Delivery Process: Optimizing the delivery process through the integration of sophisticated mapping functionality.
- Enhanced Task Management: Improving task management capabilities by utilizing real-time location tracking and accurate directions.
- Seamless Coordination: Facilitating seamless coordination between the team and truck partners by utilizing technology for tracking progress and addressing issues promptly.
- Improved Collaboration: Fostering improved collaboration between the team and truck partners, ensuring everyone is on the same page and working together seamlessly to achieve successful deliveries.

Roles & Responsibilities:

- Implement and manage mapping functionality to track the real-time locations of truck partners.
- Ensure the accuracy and reliability of mapping systems to provide precise directions for truck partners.
- Coordinate with truck partners to understand their delivery assignments and route requirements.
- Continuously evaluate and improve mapping and logistics processes to enhance efficiency and effectiveness.

Team Size : 02
Technology Used : ASP.NET MVC, Web API, ASP.NET, SQL, jQuery, **MapBox**, AJAX, JSON, XML, Agile Methodology, Google Cloud

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Company: Cyber InfraStructure, Indore **Role:** Developer

WebCare:

Summary : It is a web application that facilitates a medication management system. This website helps the user manage, maintain, and see their medical history as well. It contains tabs that help users to see their important medical history and medical information. The first tab named Daily medication tells the user to enter their data like name, start & end date, show active plan, etc. Another tab named Treatment plan planed out the treatment of the client according to the data user entered in the first tab and treatment form that is available on this tab. and the last tab consists of all the medicine details that are currently available and we can add or delete it and it also has a functionality to export the data. which is available on the tabs. It supports all Devices.

Our application allows clients to request pick-up services and share their live location. Once the client shares their location, it is seamlessly integrated into the application for the driver's reference. This feature ensures efficient navigation for drivers, enabling them to reach the client's location with ease and provide timely service.

Key features :

- Medication Management System: The web application serves as a comprehensive medication management system, allowing users to manage, maintain, and view their medical history.
- Daily Medication Tab: Users can enter data such as medication name, start and end dates, and view active medication plans in the Daily Medication tab.
- Treatment Plan Tab: This tab enables users to plan out their treatment based on the data entered in the Daily Medication tab and treatment forms available within this section.
- Medicine Details Tab: Users can view all available medicine details, add or delete medicines, and export data from this tab.
- Live Location Sharing: The application allows clients to request pick-up services and share their live location, which is seamlessly integrated into the application for efficient navigation by drivers.
- Cross-Device Compatibility: The application supports all devices, ensuring accessibility and usability across various platforms.

Roles & Responsibilities : Design, Development, Maintenance, Client Communication.
Team Size : 03
Technology Used : C#, Asp.Net, JavaScript, Ajax, Azure Repository, **MapBox API**, CICD, Blob Storage, JIRA, Agile mythology

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LANGUAGE

- English
- Hindi

I hereby declare that the information given above is true to the best of my knowledge and belief.

Place: INDORE, INDIA