Viren Donga

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I'm a Software Developer with 2.10 years of experience in Angular, React JS, JavaScript, Typescript and C#. Experienced in database management (MySQL, SQL Lite) and API development (RESTful). Seeking a role to apply my skills, contribute to impactful projects, and foster professional growth.

Skills

- JavaScript | Typescript | HTML | CSS | SCSS | C# | Angular | React JS | .Net Core API
- Git - Github | Jira | English, Hindi, Gujarati – All professional proficiency or above

Experience

ParthQuest Solution

Jr. Software Engineer   **12/2021 – 12/2022**

- **Full Stack Developer (ASP.NET & Angular) on Accounts Payable Software**
    - Contributed to the development and maintenance of a comprehensive accounts payable software solution, utilizing both front-end and back-end technologies.
- **Angular Development:**
    - Developed and maintained reactive forms with robust form validation to ensure data accuracy and integrity.
    - Structured Angular modules for efficient organization and scalability of application features.
    - Built reusable UI components using Angular services, templates, and directives.
    - Applied NGRX for state management, enhancing application predictability, testability, and maintainability.
    - Optimized performance using techniques like lazy loading and Ahead-of-Time (AOT) compilation to reduce load times and improve efficiency.
- **Backend Development (ASP.NET):**
    - Engaged in asynchronous programming with async/await in .NET, improving overall application responsiveness.
    - Utilized Entity Framework Core for database operations, including query execution and handling migrations.
    - Assisted in developing RESTful APIs, incorporating proper versioning practices and documentation using Swagger.
    - Implemented JWT-based authentication and authorization, ensuring secure user access.

Saeculum Solutions

Software Engineer   **12/2022 – Current**

- **Workforce Management System - IQCheck Point Software**
  Contributed to the development and enhancement of IQCheck Point, a workforce management system designed to streamline human resource processes.
- **Timekeeping & DST Resolution**:
  Successfully resolved Daylight Saving Time (DST) issues, ensuring accurate timekeeping across multiple time zones.
- **Financial Tool Integration**:
  Integrated external tools like Xero and MYOB, enabling seamless financial management within the system.
- **Enhanced Communication & Collaboration**:
  Integrated Crisp into the platform, significantly improving client communication and team collaboration.
- **Single-Page Applications (SPA)**:
  Actively participated in structuring Single-Page Applications (SPAs) for easier maintenance and higher modularity.
- **Performance Optimization**:
  Applied front-end optimization techniques to enhance overall system performance.

Projects

IQ Checkpoint

- **Description:**
    - IQ Checkpoint is a robust workforce management system designed to simplify scheduling and payroll processes for businesses. It enables users to create and manage work shifts, track tasks, manage breaks, and handle payroll. The platform integrates with popular accounting software such as Xero and MYOB and provides real-time communication through a chat support feature.

- **Technologies Used**: Angular, .NET Core, SQL, Redux and Bootstrap

- **Key Contributions**:
    - Developed the front-end using Angular and the back-end with .NET Core, ensuring seamless integration between both layers.
    - Implemented scheduling features, allowing users to create, manage, and update shift schedules with additional functionalities like task assignments and break management.
    - Integrated payroll processing, synchronizing with Xero and MYOB for efficient and accurate payroll management.
    - Managed Daylight Saving Time (DST) adjustments for multiple regions, including Australia (Sydney), ensuring accurate time tracking.
    - Integrated Stripe for billing and payment processing.
    - Set up real-time chat support functionality using the Crisp platform to enhance user communication and provide timely assistance.

Gamify Route

- **Description**
    - Gamify Route is a gamification marketing platform that empowers businesses to engage customers through interactive games and promotional campaigns. The platform allows companies to create custom games, such as scratch-and-win or spin-the-wheel, and run personalized marketing campaigns. Businesses can define winning probabilities, set up loyalty rewards, and promote products through these interactive experiences.

- **Technologies Used**: Angular, .NET Core and SQL

- **Key Contributions**:
    - Developed a campaign editor that enables businesses to create and customize promotional campaigns, including configuring winning probabilities and defining game mechanics.
    - Implemented a variety of interactive game types, including Scratch and Win, Peel and Reveal, Slot Machine, and Spin the Wheel.
    - Integrated dynamic campaign management features, allowing businesses to run multiple simultaneous campaigns, such as seasonal promotions (e.g., Christmas offers).
    - Developed backend services in .NET Core and SQL to handle the storage, retrieval, and real-time processing of campaign data.
    - Optimized user experience across desktop and mobile platforms, driving higher engagement and conversion rates.

IQ Auditor

- **Description**
  - IQ Auditor is an inspection and auditing platform designed to help businesses digitize paper checklists and Excel spreadsheets into smart, interactive forms. The platform includes a drag-and-drop template builder for creating customized inspection forms with conditional logic, improving team efficiency. It also facilitates task assignments, team communication, and detailed report generation.

- **Technologies Used**: React, Next.js, Node.js, MongoDB

- **Key Contributions**:
  - Developed a drag-and-drop form editor, enabling users to create dynamic and customizable inspection checklists.
  - Implemented dynamic PDF report generation, allowing users to export inspection results in a professional, structured format.
  - Created reusable custom components, including tables and forms, to enhance user experience and ensure platform-wide consistency.
  - Integrated conditional logic within forms, allowing fields to dynamically show or hide based on user input, streamlining the inspection process.
  - Enhanced team communication by integrating features for task assignments and messaging, improving collaboration and follow-up actions.

Education

Bachelor of Engineering   **Gujarat Technological University**   *Gujarat, India*   **07/2019 - 05/2022**

- SILVER OAK COLLAGE OF ENGINEERING AND TECHNOLOGY | BACHELOR OF COMPUTER ENGINEERING

Soft Skills

- Leadership | Problem Solving | Confidence | Public Speaking | Adaptability | Decision Making | Good Communication Skills

Certification And Training

- **C & C++**
  - Completed in June 2018 at H&B Educations.
  - It incorporates Object-Oriented Programming (OOP) concepts and algorithms using C and C++.

- **Java**
  - Completed in November 2019 at H&B Educations.
  - Covered Core Java and Advanced Java, including Spring, Hibernate, and JSP pages.

I hereby declare that the information provided above is true and accurate to the best of my knowledge. I take full responsibility for any discrepancies or misconduct.

Viren Donga.