

Dhruv Desai

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Profile

- Possesses a deep understanding of object-oriented programming principles and practices.
- Demonstrates a thorough grasp of SDLC methodologies, including Agile, in various software development domains.
- Extensively knowledgeable in JavaScript, including advanced topics like collections, threading, and core JavaScript concepts.
- Proficient in developing and deploying RESTful APIs using JavaScript and TypeScript.
- Demonstrates exceptional documentation skills, including the creation of clear and concise ER diagrams and UML models.
- Possesses a strong work ethic and a relentless drive for continuous learning, fostering ongoing technical growth and expertise.

Technical Skills

Languages: Java, JavaScript, C/C++, MYSQL, C#, Dart

Databases/ DB Tools: SQL, MySQL, MongoDB, RDBMS

Mobile Development Frameworks: Flutter

Web Technologies: JavaScript, React, HTML5/CSS, JSON, Bootstrap, Node Js, Express

Frameworks: React.js, NextJs, ASP.NET Web Application (.NET Framework)

Developer Tools: Git, VS Code, Visual Studio, MySQL workbench, Postman, Android Studio

Other Tech: WCAG, UI and API Test Automation Frameworks, CI/CD pipeline using Azure DevOps, Rest API, Scrum, Agile

Education

Conestoga College

Ontario College Graduate Certificate - Web Development

September 2022 - December 2023

Kitchener, ON

Gujarat Technological University

Bachelor of Engineering in Computer Engineering

August 2017 – July 2021

Vadodara, IN

Experience

Software Engineer

March 2022 - August 2022

Drevo Software LLP

- Enhanced code coverage to 80% using Jest, a JavaScript testing framework for unit tests, optimising test automation speed by 70% via Playwright, achieving resilient JavaScript solutions for client needs across functionality, scalability, and performance.
- Executed in Git for streamlined collaboration, reducing conflicts by 30% in multi-team projects, ensuring code integrity, and employing Azure Cloud for test automation with Playwright, a JavaScript framework, elevating efficiency by over 40% using Azure DevOps test plans.
- Skilled in integrated development environments (e.g. Visual Studio Code), managing source control (e.g., Git), designing microservices architecture, and building infrastructure to support software applications.
- Contributed to resolving web Accessibility bugs related to JavaScript interactions, such as missing ARIA attributes, insufficient keyword navigation, contrast and colour issues, and inaccessible Form Validation.

Jr. Software Engineer

September 2021 - Feb 2022

iTechnosol Inc

- Led the implementation of Agile methodologies, yielding a 30% surge in team efficiency for Typescript development projects and iterative progress in meeting project goals.
- Demonstrated consistent delivery of RESTful web services—leveraging GET, POST, PUT, and DELETE—directly to the client every week, showcasing technical prowess in healthcare API interactions.
- Showcased in developing tools and services for continuous integration, continuous delivery, and deployment automation, implementing best practices for system configuration, health check monitoring, and performance optimisation to deploy on Azure cloud.

PROJECTS

Employee Management System

Role – Full Stack Development

Technology: ReactJs, Mongoddb, GraphQL, Express, API, Git

- Designed appropriate User Model and set up the database within MongoDB using JavaScript.
- Designed the project structure using Webpack bundle by splitting the code into multiple files.
- Added tools to ease the development process using modularisation and web pack.
- Executed react-router to navigate between different views of the application.
- Used middleware functions in the application to handle asynchronous operations.
- Designed the application using the Material UI library and react bootstrap.

Ecommerce Website Promat

Role – Frontend Development

Technology: ASP.Net Web Application, C#

- Developed and designed an E-commerce online Showroom website for electronics items using bootstrap.
- Integrated an SQL database seamlessly into the site, featuring a master page architecture for enhanced functionality.
- Created an admin panel for streamlined product/service management, enhancing data efficiency.