MARVIN DABHI

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PROFESSIONAL SUMMARY

- Experienced front-end web developer with approximately 4+ years of expertise, focusing on front-end web development and proficiency in front-end technologies and frameworks.
- Showcased expertise in analyzing, implementing, and crafting front-end web applications, specializing in HTML5, CSS3, JavaScript, React.js, and Next.js.
- Experienced in guiding the entire application development lifecycle, from requirement identification to successful deployment.
- Object-Oriented Programming: Skilled in understanding Object-Oriented Programming (OOP) concepts, including Object-Oriented JavaScript.
- Development Approaches: Familiarity with various development methods like Agile, waterfall, and Interactive life cycle, along with a good understanding of software engineering processes.
- Server Administration: Familiarity with Windows Server and Linux administration.
- Business Insight: Extensive experience in engaging with clients, comprehending business applications, understanding data flow, and establishing data relationships.
- Personal Qualities: Committed to delivering excellence, self-motivated, quick learner, team player, skilled in interpersonal interactions, and a resourceful developer with strong problem-solving and communication skills.

TECHNICAL SKILLS

- **Programming Languages**: JavaScript, HTML/5, CSS/3, Typescript
- **Frameworks**: React.js, Next.js, Express.js, jQuery
- **Databases**: MySQL, MongoDB
- **Software Development Tools**: Visual Studio, Git, GitHub, Jira
- **Design & Prototype:** Adobe Photoshop, Adobe Illustrator, Adobe InDesign
- **Operating Systems:** Windows, (Mac & Linux) UNIX.

WORK EXPERIENCE

InsyghtAI   **August 2021 – Present**
Front-End Web Developer   Oakville, ON
.
- Worked with cross-functional teams to develop and implement new website features and functionalities using modern web technologies such as HTML5, CSS3, JavaScript, and jQuery.
- Proficient use of web development tools like Git, Node.js, and NPM, ensuring effective version control and streamlined project workflows.
- Incorporated industry-standard design patterns, including Singleton and Data Access Objects, to improve code structure, modularity, and maintainability in a MERN stack environment.
- Designed microservices with a modular and scalable architecture using Spring Boot, Rest API, and JSON.
- Developed tailored solutions utilizing React, Node.js, and responsive web development technologies.
- Offered continuous support for company web applications, providing programming assistance, and promptly addressing technical issues.
- Introduced ways to improve the quality of our code by encouraging team members to review each other's code and actively addressing any feedback.
- Collaborated with the design team to ensure the consistency and usability of the web applications
- Developed user-friendly and responsive web applications using React and Redux for a variety of clients
- Collaborated with the back-end team to integrate Rest APIs and JSON Web Token for authentication and authorization

Canara Bank   **May 2020 – May 2021**
Front-End Web Developer   Ahmedabad, India
.
- Followed Software Development Lifecycle (SDLC) to outline the various stages of software development, from planning and analysis to post-development testing and evaluation.
- Used Material UI to create visual graphs and charts to display consensus data results, improving meeting engagement by 13%.
- Developed RESTful APIs, creating comprehensive Swagger-based documentation for seamless integrations.
- Ensured cross-browser and cross-device compatibility and optimized website performance by adhering to Web Content Accessibility Guidelines (WCAG) and SEO best practices.
- Participated in Agile SCRUM Methodology to improve teamwork through continuous learning using iterations.
- Translated designs and wireframes into high-quality code using CSS and Tailwind CSS.
- Optimized components for maximum performance across a vast array of web-capable devices and browsers using Core Vitals metrics.
- Participated in R&D on call rotation regularly, contributing to the team's continuous improvement.
- Contributed to and utilized continuous integration and continuous delivery pipelines to streamline development processes.

Magneto IT Solutions   **December 2019 – May 2020**
Software Developer Intern   Ahmedabad, India

- Built robust REST APIs to manage and update order details, contributing to efficient data handling in a MERN stack environment.
- Applied JavaScript for client-side validations, elevating user input checks and enhancing data integrity for improved web development practices.
- Created and used efficient SQL queries and stored procedures to work with the database, ensuring data was retrieved and handled smoothly.
- Showcased competence in Git version control and Jira issue tracking, promoting teamwork in an agile work setting during a software development internship.
- Managed e-commerce product inventory, resulting in a 25% rise in online traffic and a 20% increase in sales during a software development internship.
- Developed and implemented email notification functionality for order tracking using JavaScript.

PROJECTS

Portfolio Website

- Developed a personalized portfolio website showcasing accomplishments, skills, and work portfolio
- Implemented customizable features for light mode, and dark mode for enhanced user experience
- Designed a user-friendly contact page with a fillable form and email options for easy communication
- Developed the website using **Next.js**, **Tailwind CSS**, **Framer motion**, and **Resend** API key.

Eagle Eye

- Collaborated with Madhya Gujarat Vij Company Ltd. on a groundbreaking Drone-based Thermal Testing Kit, leveraging frontend development expertise
- Implemented an automated drone path for real-time surveillance of transmission lines and electric poles
- Utilized advanced image processing and the **K-means** algorithm to accurately detect jumper temperatures, optimizing maintenance planning
- Expanded the application for use in power plants and substations, enhancing operational efficiency

Driving Licence Controlled Smart Vehicle

- Utilized RFID technology to fetch and validate crucial data from Driver's Licenses, bolstering automobile security
- Engineered a sophisticated accident detection module by dividing frames, identifying collision risks, and implementing preventive measures
- Innovated a GPS-enabled module for real-time monitoring and anti-theft protection of vehicles
- Implemented measures to restrict underage or unlicensed drivers, enhancing road safety

EDUCATION

- **Graduate Certificate in Project Management 2022**   **January 2021 – August**
  Algoma University   Brampton, Canada
- **Bachelor of Technology in Computer Engineering**   **August 2015 – August 2020**
  A. D. Patel Institute of Technology   Ahmedabad, India