

Marvin Dabhi

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Summary

Experienced Frontend Developer with expertise in JavaScript, TypeScript, React.js, Redux, and Bootstrap. Proficient in designing UI/UX, Graphic Design, Frontend Development, SEO, and collaborative development. Passionate about creating engaging user experiences for project success.

Profile of Skills

Programming Languages	JavaScript, Typescript, HTML, CSS, C, PHP, SQL
Frameworks	React.js, Redux, Bootstrap, jQuery, Material UI, Angular.js
Databases	MySQL, PostgreSQL, Oracle, Microsoft SQL Server
Design & Prototype	Adobe Photoshop, Adobe Illustrator, Adobe InDesign, CorelDraw, ClickUp, Figma, Sketch
Tools	Visual Studio Code, Git, GitHub, JIRA, Linux, UNIX, Magento, Microsoft Office 365, Selenium, REST API, JSON, Travis, Cypress, WIX, Unbounce, Instapage
Cloud	Amazon Web Services (AWS), Docker, Heroku
Concepts	Agile SCRUM Methodology (PMLC), Data Structures & Algorithms, Object-oriented Design (OOPS), Software Development Lifecycle (SDLC), User Interface & User Experience (UI/UX), Design Thinking, UI Test Automation, Web Content Accessibility Guidelines, SEO, CI/CD

Professional Experience

Freelancer – Remote, Canada *October 2022 - Present*

- Developed 2 portfolio websites showcasing professional achievements & skills using JavaScript, HTML, CSS & Bootstrap
- Digitized Software Developer resume and portfolio using Adobe **InDesign**, ensuring a visually appealing presentation
- Analysed job agency WIX website to implement technical **SEO**, increasing search engine visibility by **75%**

Frontend Developer Intern – RadicalX, Canada *August 2022 – October 2022*

- Designed **User Interface & User Experience** for marketing websites, resulting to **26%** increase in a website traffic
- Optimized websites to enhance design consistency, usability, and user experience, reducing **36%** loading time
- Developed decoupled front-end interfaces using the **React.js**, effectively separating the presentation layer from the backend logic, resulting in improved maintainability, code reusability, and overall application performance by **72%**
- Implemented secure user authentication and efficient state management with **Redux**, ensuring smooth user interactions and data integrity, resulting in an enhanced frontend user experience

Frontend Developer – BlinkLink Solutions, India *May 2020 – May 2021*

- Managed **project timelines** and resources in an Agile environment, optimizing **23** payment methods and real-time order tracking for **17** streamlined processes
- Planned unique marketing ad spaces in landing pages to enhance customer interaction, increased conversion by **17%**
- Innovated optimized **landing pages** in HTML and CSS, ensuring seamless integration and cross-browser compatibility
- Ensured websites compatibility with multiple browsers, improving user accessibility by **73%**
- Built engaging landing pages and dashboards using **Unbounce** and **Instapage** to deliver effective User Interface
- Deployed frontend web-application on Heroku with GitHub **CI/CD Pipeline** for efficient monitoring and usage

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

- Handled e-commerce product inventory management, leading to **25%** increase in online traffic and **20%** boost in sales
- Outlined frontend design using HTML, CSS, **Magento**, and **Sketch** with usability and user interface principles
- Implemented email notification for order tracking using **JavaScript**, leading to enhanced order management efficiency
- Participated in technical design and software implementation processes with senior developers for **project PI planning**
- Produced comprehensive **functional and technical documentation** for all applications, showcasing problem-solving and debugging skills throughout the development lifecycle

Training & Placement Co-ordinator – A.D. Patel Institute, India *June 2019 – December 2019*

- Coordinated placement drives by facilitating communication between HR and interviewees for seamless recruitment
- Conducted comprehensive mock tests for **5+** interview rounds with aptitude, group discussion, technical, and behavioral assessment to prepare candidates effectively
- Spearheaded the organization and execution of **training** programs, fostering professional development opportunities

Projects

Portfolio Website |

- Developed a personalized portfolio website showcasing accomplishments, skills, and work portfolio
- Implemented customizable features for font colors, light mode, and dark mode for enhanced user experience
- Designed a user-friendly contact page with a fillable form and call/email options for easy communication
- Employed user-centric design principles for an engaging and visually appealing presentation

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
- Integrated intuitive user interfaces for seamless data visualization and system monitoring

Driving Licence Controlled Smart Vehicle

- Utilized RFID technology to fetch and validate crucial data from Driver's Licenses, bolstering vehicle 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
- Accomplished a design patent publication, showcasing frontend development expertise and innovative solutions

Drone Crowd Detection

- Created a crowd detection system with drones, analysing frames for sudden changes indicating crowd gatherings or disturbances
- Implemented real-time alerts to notify police with precise location and timestamp information for proactive crowd management strategies
- Leveraged advanced frontend development skills for seamless integration, facilitating efficient monitoring and improved public safety

Gesture Mouse Control

- Created a novel mouse control system using coloured paper on fingertips for intuitive cursor manipulation
- Implemented computer vision algorithms to recognize and track finger movements, enabling hands-free control
- Designed an interactive interface for easy calibration and customization of gesture controls based on user preferences and accessibility requirements

Education

Project Management – Algoma University, Canada

January 2021– August 2022

Related Coursework: Communication, Project Management, Networking in Workplaces, Organizational Behaviour & Management, Project Teams & Leadership, Human Resource Management, Project Planning, Design Thinking

GPA: 3.4/4

Bachelor of Computer Engineering - Gujarat Technological University, India

August 2015– September 2020

Related Coursework: Data Structures & Algorithms, Analysis & Design of Algorithms, Database Management System, Object Oriented Programming using Java, Web Technology, Data Mining & Business Intelligence, Artificial Intelligence

GPA: 3.14/4

Co-curricular Activities

- Secured 1st place for smart vehicle project with patent publication in Gujarat State Industrial Hackathon
- Participated in GTU Student Developers Club and gave seminars on Frontend Development solutions
- Participated in multiple programming competitions in GTU Tech Fest to represent college team
- Proposed User Interface ideas for multiple projects in state level university competitions
- Collaborated with Graphic Designers and UI/UX Designers to develop university cultural fest website