

# Vikram Ravi

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Portfolio : <https://vikramportfolio.vercel.app/>

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## Professional Summary:

- Around 6+ years of development experience, specializing in **HTML5, CSS3, JavaScript, Angular 17, Next.js, React.js**, and **Redux**, with comprehensive involvement in User research, UI/UX Design, Development, Debugging, and Application Testing.
- Innovative, dedicated and efficient in front-end development with hands-on experience designing, developing, and implementing applications using wide-ranging technologies, frameworks, and programming languages.
- Frequently proposes and delivers on key new features, including the use of NLP for smart task suggestions.
- As a committed mentor and leader, I have a demonstrated record of fostering the growth of junior developers and improving team performance through hands-on training, code reviews, and collaborative project work.
- Exhibited skill in coaching and guiding fellow software engineers in the capacity of a senior developer within a team of 10 members, while adaptly handling my own workload and deadlines. Additionally, consistently communicated progress updates to clients and internal stakeholders in a timely manner.
- Showcased proficiency across the entire system life cycle (SDLC) of Enterprise projects, encompassing analysis, time estimation, design, development, testing, debugging, maintenance, and enhancements. Additionally, contributed to the successful deployment of over 30 application features within the past five years.
- Skilled in creating and updating thorough technical documentation, best practices, user guides, testing documentation, troubleshooting, and knowledge transfer materials.
- Successful leadership in projects that resulted in a 30% increase in application performance, demonstrating a capacity to drive improvements and deliver high-quality solutions efficiently.
- Utilized Docker images for frontend development to ensure consistent development across various platforms.
- Played an active role in Agile Methodologies projects, implementing change and enhancement deliveries within sprints according to project plans, while meticulously tracking development progress using monitoring tools such as JIRA, Trello, and Azure Boards.
- Frequently delivered new features on tight deadlines in order to meet the uses and answer the questions of researchers around the world.
- I have expertise in Java, object-oriented programming principles, and substantial project exposure involving JSON, database querying, Postman, Web API, microservices, XML, and RESTful APIs. This enables smooth integration between front-end and backend systems.

## Education:

### **Masters of Engineering**

University of Windsor, Windsor, Canada

### **Bachelor of Engineering**

Anna University, Chennai, India

## **Technical Skills:**

<b>Web Technology</b>	HTML5, CSS3, Bootstrap-3, SASS/LESS, Object Oriented JavaScript Programming, JSON, Python, SQL, Typescript and Java.
<b>JavaScript frameworks &amp; Libraries</b>	Javascript, Typescript, React.js, Next.js, JQuery, Angular 17, Node.js, Ajax, Express.js
<b>Unit Test Framework</b>	Jest, Enzyme
<b>Debugging Tools</b>	Chrome Developer Tools, Firebug, HTML Validator, Bitbucket, POSTMAN.
<b>IDEs &amp; Build Tools</b>	Visual Studio Code, Eclipse, Web Storm, Sublime Text Editor, Notepad++.
<b>Version Control Tools</b>	CVS, SVN and GitHub.
<b>Cloud / DevOps CI/CD</b>	Jenkins, Google Cloud

## **Skills Experience:**

**Company:** Scotia Bank, Toronto

**Job Title:** Senior FullStack Developer

**Duration:** Aug 2021 –Present

### **Responsibilities:**

- Developed a Project Locator UI using maps to approximate users' current locations, enhancing user experience by displaying relevant results with pins on the map.
- Drove the migration of a legacy locator system to Next.js, achieving a 30% improvement in page load times and enhancing overall application performance, as acknowledged in positive feedback from users and stakeholders.
- Analyzed data from Excel sheets to derive mathematical formulas for business requirements, implementing custom graphs for insightful data visualization.
- Collaborated with designers to refine user interface designs, securing approval from the line of business for enhanced usability and aesthetic appeal.
- Developed reusable React components for multiple lines of business, facilitating efficient development and consistent user experiences across platforms.
- Managed and optimized Jenkins pipelines for PR deployments, introducing automation scripts that reduced deployment times by 40%, significantly improving the CI/CD process and receiving commendation from the development team for process improvements.
- Responsible for creating efficient design and developing User Interaction screens according to the client requirements using HTML, CSS, JavaScript, jQuery, AJAX and JSON.
- Developed user interface using Asynchronous validation for the fast and user-friendly access using AJAX.
- Created custom carousel for React application without using any external library and made it dynamic to fetch content and display them on load.
- Understood the Business functionality and requirement and derived formulae for some of the tools in react apps to generate accurate data.
- Researched on Libraries like Highcharts and proposed for use of it after going through Pro's and con's of third party package.
- Worked with complete redesigns of a daily events website and focused on improving readability, utility, and overall User experience (UX).
- Researched and proposed usage of react google maps and made POC to prove its advantage when integrated to the current codebase.

- Responsible for creating the screens with table-less designs meeting W3C standards.
- Made Print/PDF functionality in the application by accommodating more attachment of images, graphs etc.
- Improved the performance of over 10+ pages through optimization techniques leveraging tools such as Lighthouse, Google PageSpeed Insights, and Web Vitals.
- Support other members of the team by reviewing their pull requests and help them in any task when required.

**Environment:** HTML, CSS, React.js, AEM, Rest API, Redux, XML, Jira, Bitbucket, Microsoft Visual Studio

**Company:** Ionixx Technologies, Chennai

**Job Title:** Programmer

**Duration:** June 2017 – April 2019

**Responsibilities:**

- Worked in Agile Development and maintained a good level of communication in the team going through all phases of SDLC of the web application using HTML5, CSS3, JavaScript and React JS to deliver user interfaces and components.
- Used React-Router to turn application into Single Page Application.
- Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js.
- Used React-Autocomplete for creating Google map's location search on the webpage.
- In Phase Two, worked closely with the Back-End team to display data using the Custom Components, library Components and Redux.
- Used Middleware, Redux-Promise in application to retrieve data from Back-End and to also perform RESTFUL services.
- Created and used Reducers that received said Actions to modify the Store State Tree.
- Worked with backend engineers to optimize existing API calls to create efficiencies by deprecating unneeded API calls.
- Created custom bar graphs for some application without using any library which changes dynamically according to data to represent years.
- Used Object Oriented Programming concepts to develop UI components that could be reused across the Web Application.
- Collaborated with DevOps team to setup a dependable and automated deployment pipeline for frontend features, lowering release cycle times.

**Environment:** HTML 5, CSS3, SASS, LESS, JavaScript, Bootstrap, ReactJS, Redux, Restful API, JIRA, and Web Storm.