Mrunal Sanwatsarkar

Software Engineer

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1990-03-10

Experience

2018-11 - 2021-01 Consultant

Verizon - Basking Ridge, NJ

- ✓ Experience in **Software Development Life-Cycle (SDLC)** preparing Requirement Specification documents, design documents, Test cases and Analysis, User Training documents and Technical Help documents.
- ✓ Worked as a Front End Developer on the project with Javascript, ES6, React, Redux Saga, RESTful services, HTML5/CSS3/SASS/Bootstrap and GitLab .
- ✓ Contribute to create efficient design and developing User Interaction screens using JavaScript, and Node JS

✓ Involved in the development of programming user interface design and Front-end (HTML) for the web application using HTML & CSS to the requirements of the client.

- ✓ Provide leadership and technical direction for multidisciplinary teams.
- ✓ Contribute to the design, estimation, planning and implementation of IT system related business solutions.
- ✓ Experience in working with **ReactJS**, **React Flux**, **and Redux** architecture using complex object-oriented concepts in improving the performance of websites.
- ✓ Knowledge in **ReactJS** framework to develop the SPA.
- Ensuring that correct content, product assortments and UI functionality is developed, tested, scheduled and validated against business expectations before it publishes to production.
- ✓ Ability to solve complex design problems and achieve the highest quality design while pushing the boundaries of the rich application.
- Experience in all phase of SDLC like Requirement Analysis, Implementation and Maintenance, and extensive experience with Agile and SCRUM.
- ✓ Expertise in React Js and working with React Flux architecture.
- ✓ Good Experience in **React Js** for creating interactive UI's using One-way data flow, Virtual DOM, JSX, **React Native concepts** .
- ✓ Assisting in defining software architectures Collaborating with leads to explore existing systems, determining areas of complexity, potential risks to successful implementation, learning the applications capabilities.
- ✓ Having good understanding and experience with responsive design.
- ✓ Sound understanding of React Virtual Dom , unidirectional data flow.
- ✓ Assist in defining a Responsive Web Front End strategy and delivery.
- ✓ Complete code base conversion to React Native with feature parity.
- ✓ Lead the team and interact with business team for requirement, make plans to complete task and update tickets in JIRA.
- ✓ Used **Node Package Manager (NPM)** to manage modules & used it to install useful tools as Grunt, and Express.
- ✓ Working experience with JSON and getting data via REST API.
- Created lot of multiple credible design solutions with guidance.
- ✓ Involved in writing application level code to interact with APIs, RESTful Web Services using AJAX, JSON.
- Experienced in working with Redux architecture using complex Object-Oriented concepts in improving the

performance of the websites.

- ✓ Evolve the design system by proposing updates and participating in feedback opportunities.
- ✓ Effectively design solutions within business context and revenue model.
- ✓ Expertise in debugging and troubleshooting existing code using Firebug, Firebug Lite and Developer Tools.
- Contribute in the project needs and engage stakeholders to understand context and design rationale.
- ✓ Leads workshops to develop solutions from a program perspective in association with all interdependent systems.
- ✓ Assisting team in an Agile development methodology (Scrum) with daily interactions with designers, developers, and stakeholders.
- ✓ Developing and implementing highly-responsive user interface components using React concepts.
- Oversaw software developers' progress on applications and applied principles of agile methodologies to keep project on track.
- ✓ Attended most of the meetings as lead of the team and maintained open communication about project status.
- ✓ Good understanding of current trends and developments in the area of web, applications.
- ✓ Analytical and interpretive skills, including the ability to make recommendations to improve the business and interface processes.
- Understand product competitors and support development of competitive responses for the application.
- ✓ Write good quality code including Unit testing by applying best practices, and software architecture guidelines.
- ✓ Working with user interface designers, Web developers as a team to translate information architecture, navigation and process flows into beautiful and easy-to-use solutions.

2017-10 - 2018-08

AngularJS Consultant

FedEx - Colorado Springs, CO

- Created web services and desktop applications to access and display data needed by support teams using JavaScript, JQuery, Node.js, SASS, CSS3 and HTML5.
- ✓ Development of the Web front end user interfaces with HTML/HTML5, CSS/CSS3, SASS, JQuery, Bootstrap, DOM, XHTML, XML and JSON.
- ✓ Involved in extensive HTML and JavaScript coding.
- ✓ Worked on NodeJS as the server side implementation.
- ✓ Translated **design and wireframe** into high quality code and wrote **application interface code** via JavaScript following **React.js workflow**.
- ✓ Responsible for development and maintenance of multiple reusable React JS components
- ✓ Experience in using various tools and IDEs for development and design like Visual Studio Code(VSC).
- ✓ Worked exclusively on the front-end developing/updating pages using UI libraries like ReactJS(including Hooks) and Redux saga.
- ✓ Good Experience in React.js for creating interactive UI's using One-way data flow.
- ✓ Capability to completely transcend a React Web App into a React Native one.
- ✓ Developed user interface by using the React HOC, Flux/Redux for SPA development.
- ✓ Responsible for testing application and create JIRA tickets for those issues.
- ✓ Deliver best practice, standards compliant XHTML, HTML5, CSS2/3 & ES6, JavaScript.
- ✓ Responsible for developing the pages using AJAX, JQUERY and JSON to parse on data on the front-end.
- ✓ Active Scrum team member; following the framework's ways of working and ceremonies.
- Experience in designing various forms, tooltips, menus, tabs, widgets that support drag-and-drop, animated effects, data and time selector.
- ✓ Established UX design as the first stage of all Web and mobile application developments, instituting a usercentered design (UCD) approach.
- ✓ Used Angular 4/5 as framework to create a Single Page Application, which can bind data to specific views and synchronize data with server.
- ✓ Applied industry best practices and standards when project requirements were lagging.
- ✓ Experience in using IDE tools such as Notepad ++.
- ✓ Worked on the modernization of a legacy and outsourced UI. Technologies used were Angular.js, Node.js, Ext.js, and JQuery.

2013-07 - 2015-12 Software Engineer

Webricots

- ✓ Involved in designing the user experience interface UI/UX strategy, UI requirements, converting findings into UI designs.
- ✓ Worked on the functionality using Angular.js.
- ✓ Functionalities include writing code in **HTML5**, **CSS3**, **JavaScript**, **JQuery** and JSP making use of Bootstrap framework. My Specialty is large scale CSS, focusing on reusability and modularity.
- ✓ Enhanced an existing AngularJS application to follow strict MVC patterns for improved source code maintenance which resulted in 40% code reduction, ease of upgrade, scalability, ease of developer spin up and enhanced performance.
- ✓ Created and developed the web-page layout and positioned/developed design elements, using Dreamweaver, HTML and Adobe Photoshop.
- ✓ Involved in up gradation and maintenance of company's website to the new layout using the Grid orientation model Bootstrap framework.

Education

2016-02 - 2017-09 Colorado Technical University

Major: Computer Science **Awarded**: September 2017

2008-09 - 2013-05 Rajiv Gandhi Prodhyogiki Vishwa Vidhyalaya

Major: Electronics and Telecommunications

Awarded: May 2013

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Technical Skills

- ✓ Leadership-level communication skills, including strong verbal, written and presentation skills.
- ✓ Excellent written and oral communication skills in a business environment, along with a proven ability to prioritize, organize and deliver on commitments.
- ✓ Strong SQL Skills, experience developing APIs and software products.
- Excellent Communication Skills including verbal and written communications, and effective presentation skills.
- ✓ Good knowledge of data manipulation, enrichment, validation, normalization and underlying concepts related to data reconciliation/quality management.
- ✓ Ability to quickly develop in-depth knowledge and technical ability to analyze competitive strengths and weaknesses of current product offerings. Solid understanding of CS fundamentals including algorithms and data structures.
- ✓ AngularJS/4/5/6, HTML 4/5, Cascading Style Sheets (CSS) 2/3, JavaScript, InVision, C#, C, C++, Java, Agile Methodology, Jira, GitLab, Web services, User experience testing, Scrum, chrome debugging, ES6 experience.
- ✓ Visual Studio Code, Microsoft Word, Notepad ++, Sublime Text Editor

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Extra Curriculum

- Won national level college Robotics Competition and conducted two national college level Robotics Competition (during bachelor's).
- Volunteered at University of Colorado for various Indian Student Alliance's activities.

Hardcore gamer (Current fav game is Overwatch, COD warzone, Counter Strike and mostly FPS games).



Development Tools:

Visual Studio Code, Eclips, Android Studio, Notepad

Database:

Oracle DBS, My SQL

Web:

Jira, Gitlab



Course Work

Bachelor of Engineering

• Control Systems • Electronics Circuits • Electromagnetic Theory • Electronic Instrumentation •

Master of Science

• Design and Analysis of Algorithm • Software Design • Operating System Security • Algorithms • Computer Networking • Database Systems • Computer System Architecture