

## GOKUL RAMESH BABU

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[Portfolio](#) | [Codepen](#) | [GitHub](#)

### OBJECTIVE:

A leading-edge solution developer. I am always up for challenges and I am enthusiastic about learning the nuances in coding.

### TECHNICAL SKILLS:

|                       |   |
|-----------------------|---|
| Web Technologies      | HTML5, CSS3, Sass, Less, Bootstrap, Tailwind CSS, JavaScript, TypeScript, jQuery, PHP, ECMAScript6, React JS, Vue JS, Next JS, Node JS, Java, Microservices, Ajax, XML, JSON. |
| Programming Languages | C, C++, JAVA, JavaScript.   |
| Framework & libraries | React JS, Node JS, Vue JS, Angular JS, jQuery, Node.js, Bootstrap, MVC  |
| IDE & Tools           | IntelliJ, Notepad++, JBoss, Sublime, Eclipse, Adobe Illustrator CS6, Microsoft Visio, Maven, Postman, SQL Developer, Tableau, VS Code, Visual Studio, Atom, Webstorm          |
| Database              | Oracle, MySQL, MongoDB, PostgreSQL  |
| Testing frameworks    | JEST, Enzyme, Cypress   |
| Operating Systems     | Windows, Linux, Mac.  |
| Version Control       | GIT, Bitbucket, Azure Devops  |
| CI/CD                 | Jenkins   |

### PROFESSIONAL SUMMARY:

- Over 5+ Years of extensive experience in developing web and web applications using HTML 5, CSS3, JavaScript, TypeScript, React JS, Vue JS, Node JS, XML, MVC framework.
- Strong domain understanding of Banking, E-commerce and Retails.
- Have been part for analysis, planning, development and maintenance of multiple projects.
- Proficient in developing web pages quickly and effectively using React JS, Vue JS, HTML 5, CSS3, JavaScript/Typescript.
- Experience in using Redux to manage the application state and applying middleware such as redux-promise, redux-thunk and redux-saga.
- Expertise in using React JS/Redux/JSX to build user interfaces with states, props, middleware, store, action creator, reducer, presentational and container components and react hooks.
- Experienced in building cross browser compatibility applications.
- Experience in Cross browser compatibility testing and intellectual challenges in User Experience (UX), Responsive Web Design and Bootstrap.
- Experienced in working with Redux Architecture using complex object-oriented concepts to improve the performance of the websites.
- Created and used Reducers that received said actions to modify the store state tree.
- Experience in Developing Applications Using CSS 3 Media Queries, SASS and Responsive Web Design making the Web Pages Fluid across Multiple Devices. (Grid, Fluid layouts and Break Point Approaches).
- Experienced in using CSS preprocessors SASS/Less to create dynamic style sheets and experienced in using bootstrap, CSS media queries for responsive web design.
- Good Understanding of Document Object Model (DOM) and Advanced DOM manipulation.
- Solid understanding of web services including RESTful APIs and their consumption from within a Script application.
- Excellent experience in developing web pages complying with Web Content Accessibility Guidelines (WCAG) and ability to apply W3C web standards.
- Expertise in version control tools like GIT to manage and control software development.
- Experience using database systems MySQL, Oracle, SQL Server, MongoDB and PostgreSQL.
- Good Knowledge of Continuous Integration and deployment with Jenkins.

- Have worked in AGILE based development environments.
- Interacted with testing team, scrum master and business analysts for fixing issues.
- Performed the system testing, regression testing for complete UI after fixing the issues reported.
- Efficient team member with excellent work/time management skills, excellent leadership, communication and interpersonal skills and ability to work under strict deadlines.

## PROFESSIONAL EXPERIENCE:

**Client:** Semios

July 2022 - Present

**Role:** Full-Stack Developer

**Technology:** React JS, Redux, TypeScript, HTML 5, CSS3, jQuery, Bootstrap, Node JS, GraphQL, PostgreSQL, JSON, GitHub, JEST, Jira

### Responsibilities:

- Developed reusable components using React JS.
- Configured and maintained a central redux store for site wide state management.
- Created custom hooks for various use cases.
- Used Mantine component library for site wide theming and it's components.
- Maximized use of Events and promises in Typescript and React JS for application control flow.
- Used the component life cycle methods for mounting, unmounting, updating as well as get initial state, render, get default props.
- Used higher order functions for converting object into array and array into object using map, reduce and filter methods from ES6, Typescript.
- Worked on React JS Router to create single page applications.
- Used redux saga to Consume APIs and populate the data in respective components.
- Used source-map, CSS loader, babel-loader, sass-loader in web pack which helps in debugging the code in chrome development tools and to convert one file to another file.
- Worked with Controlled, Uncontrolled, Stateful and Stateless components
- Worked with props, child refs manipulate data to the required component.
- Debugged the website using Chrome Developer's tool and manipulated the nodes using DOM functions.
- Used JSON for data exchange between client and server.
- Used Bash Script regularly to clone a Git repo on the server and updates the code.
- Provided quality assurance and cross browser compatibility testing during the development phase.
- Wrote multiple unit tests for all the use cases using JEST.
- Setup the GraphQL server in the backend and designed the schema and resolvers.
- Wrote multiple APIs in the Node JS server.

**Client:** Karmax Heavy Stamping (Magna Cosma International)

Sep 2021 – Apr 2022

**Role:** Full-Stack Developer

**Technology:** HTML5, SASS, CSS3, Tailwind CSS, JavaScript, JSON, XML, Axios, Vue JS, Vuex, Node JS, TypeScript, MySQL, typeORM, Cypress, JEST, typeDoc, Swagger  
Azure Devops, Jenkins

### Responsibilities:

- Worked on implementing a report dashboard for Karmax that helps the user view the company's functions in the specified time range. The data is represented either in a Tabular form or by nested graphs.
- API calls are made each time when a histogram is clicked. The datatable data will be in sync with the graph level.
- Involved in various phases of Software Development life Cycle (SDLC) of the application like Requirement Gathering, Design and Analysis, and Code development.
- Interacted with business analyst to understand the requirements to ensure correct UI modules been built to meet business requirements.
- Had constant interaction with the client to show the progress and get feedback.
- Developed User Interface for a cross browser compatible web application.

- Developed reusable vue components.
- Implemented Apex charts to render the various histograms.
- Handled all the navigations through Routes and the app data through vuex.
- Worked on Vuex with Vue to handle large chunks of data for better performance.
- Wrote the APIs in Node with typescript.
- Used typeORM with typescript to write scripts that can be used by the client to migrate the database tables.
- Wrote multiple unit tests using JEST in both Vue and Node JS.
- Wrote multiple e2e tests using Cypress.
- Provided detailed documentation using typeDoc for both Vue and Node.
- Configured Swagger for the client to test and consume RESTful webservices.
- Efficient in defect analysis and resolution during System Integration Testing (SIT) and User Acceptance Testing (UAT).
- Maintain consistency of front-end via code over variety of browsers
- Used Azure Devops for version control.
- Mentored new developers on technologies, standards, and methodologies used for the development of the project.
- Actively contributed to the agile transformation of the project.
- Involved in SCRUM and AGILE meetings to discuss the status of the project

**Client:** Gates Corporation

Jan 2020 – Dec 2020

**Role:** AEM Developer (Senior Consultant)

**Technology:** AEM 6.4, Java, Less, i18, Jira, Bitbucket, Jenkins

**Responsibilities:**

- Implemented an e-commerce website for Gates using AEM 6.4
- Implemented Sling models and DS annotations
- Created a custom login page for secure access and extended the OOB AEM Authentication Handler and customized it.
- Implemented Style systems for site wide theming.
- Created editable templates for the client to author pages.
- Implemented a multi-lingual site implementation and used i18 translations.
- Extensively used Git for version controlling and regularly pushed the code to Bitbucket.
- Used JIRA as the bug tracking system to track and maintain the history of bugs on daily basis.
- Worked on cross-browser compatibility and fixed the bugs for several browsers.
- Attended Scrum calls, estimation meetings, and Requirement review meetings to analyze requirements.

**Client:** Sirius Computer Solutions

Mar 2019 – Dec 2019

**Role:** React Native Developer

**Technology:** React Native, Node JS, typescript, MySQL, Twilio, Jira, Bitbucket

**Responsibilities:**

- Implemented a one stop mobile solution for Sirius' utilities such as commute management, event organization, pantry service, etc.
- Sirius One is an app that hosts multiple other Sirius apps used for various purposes. The employees didn't have to install 10 other apps they just have to use one.
- Designed and implemented a plug and use architecture that enables the developer to quickly add and remove apps from the main app.
- The apps are very loosely coupled and hence making the addition and removal easy.
- The APIs are written in Node and data is fetched from a MySQL server.
- Twilio is used for sending text updates.
- Push notifications are also enabled to notify the user.
- Extensively used Git for version controlling and regularly pushed the code to Bitbucket.
- Used JIRA as the bug tracking system to track and maintain the history of bugs on daily basis.
- Attended Scrum calls, estimation meetings, and Requirement review meetings to analyze requirements.

**Client:** Leading Medical Device Manufacturer

Sep 2018 – Mar 2019

**Role:** AEM/React Developer (Consultant)

**Technology:** React JS, AEM 6.4, Java, Less, Jira, Bitbucket

**Responsibilities:**

- Implemented a website for a leading manufacturer of medical devices using AEM 6.4
- The client wanted a SPA so the UI was developed using React JS. We wrote scripts to convert the react components to HTL components.
- Implemented Style systems for site wide theming.
- Created editable templates for the client to author pages.
- Extensively used Git for version controlling and regularly pushed the code to Bitbucket.
- Used JIRA as the bug tracking system to track and maintain the history of bugs on daily basis.
- Worked on cross-browser compatibility and fixed the bugs for several browsers.
- Attended Scrum calls, estimation meetings, and Requirement review meetings to analyze requirements.

**Client:** America First Credit Union

Jun 2017 – Sep 2019

**Role:** AEM Developer (Consultant)

**Technology:** AEM 6.4, Java, Less, Jira, Bitbucket

**Responsibilities:**

- Implemented a highly secured website for America First Credit Union using AEM 6.4
- Implemented Sling models and DS annotations
- Created a custom login page for secure access and extended the OOB AEM Authentication Handler and customized it.
- Implemented Style systems for site wide theming.
- Created editable templates for the client to author pages.
- Extensively used Git for version controlling and regularly pushed the code to Bitbucket.
- Used JIRA as the bug tracking system to track and maintain the history of bugs on daily basis.
- Worked on cross-browser compatibility and fixed the bugs for several browsers.
- Attended Scrum calls, estimation meetings, and Requirement review meetings to analyze requirements.

**FREELANCE EXPERIENCE:**

**Client:** Tec Workshop

Nov 2020 – Dec 2020

**Role:** Full-Stack Developer

**Technology:** React JS, Node JS, Typescript, MongoDB, Trello, Bitbucket

**Responsibilities:**

- Implemented a portfolio website for Tec Workshop to display their work.
- Developed reusable components using React JS.
- Configured and maintained a central redux store for site wide state management.
- Created custom hooks for various use cases.
- Used Material UI component library for site wide theming and its components.
- Maximized use of Events and promises in Typescript and React JS for application control flow.
- Used the component life cycle methods for mounting, unmounting, updating as well as get initial state, render, get default props.
- Used higher order functions for converting object into array and array into object using map, reduce and filter methods from ES6, Typescript.
- Worked with Controlled, Uncontrolled, Stateful and Stateless components
- Worked with props, child refs manipulate data to the required component.
- Used JSON for data exchange between client and server.
- Used Bash Script regularly to clone a Git repo on the server and updates the code.
- Provided quality assurance and cross browser compatibility testing during the development phase.
- Wrote multiple unit tests for all the use cases using JEST.
- Wrote multiple APIs in the Node JS server.
- Extensively used Git for version controlling and regularly pushed the code to Bitbucket.
- Used JIRA as the bug tracking system to track and maintain the history of bugs on daily basis.

- Worked on cross-browser compatibility and fixed the bugs for several browsers.
- Attended Scrum calls, estimation meetings, and Requirement review meetings to analyze requirements.

**Client:** CBE Shopping

Sep 2020 – Oct 2020

**Role:** Full-Stack Developer

**Technology:** React JS, Node JS, Typescript, MongoDB, GitHub

**Responsibilities:**

- Implemented a website for CBE Shopping to maintain and track the inventory.
- Developed reusable components using React JS.
- Used multiple minimal CSS animations and transitions.
- Configured and maintained a central redux store for site wide state management.
- Created custom hooks for various use cases.
- Maximized use of Events and promises in Typescript and React JS for application control flow.
- Used the component life cycle methods for mounting, unmounting, updating as well as get initial state, render, get default props.
- Used higher order functions for converting object into array and array into object using map, reduce and filter methods from ES6, Typescript.
- Worked with Controlled, Uncontrolled, Stateful and Stateless components
- Worked with props, child refs manipulate data to the required component.
- Used JSON for data exchange between client and server.
- Used Bash Script regularly to clone a Git repo on the server and updates the code.
- Provided quality assurance and cross browser compatibility testing during the development phase.
- Wrote multiple unit tests for all the use cases using JEST.
- Wrote multiple APIs in the Node JS server.
- Extensively used Git for version controlling and regularly pushed the code to GitHub.
- Attended Scrum calls, estimation meetings, and Requirement review meetings to analyze requirements.

**AWARDS & ACCOMPLISHMENTS:**

Mobile Solutions Development High Distinction – 2022 | Conestoga College  
Graduated with High Distinction (91.5%)

Mobile Solutions Development Capstone Award – 2022 | Conestoga College  
Award for best capstone project

Feather in the Cap Award – 2019 | Sirius computer Solutions  
Award for outstanding performance

Codes & Gears Winner – 2018 | Sirius computer SolutionS  
Winner of the annual organization-wide 36 hours coding hackathon

Feather in the Cap Award – 2018 | Sirius computer Solutions  
Award for outstanding performance

**EDUCATION:**

|  |  |             |                       |
|--|--|-------------|-----------------------|
| Post Graduate Certificate Program – Mobile Solutions Development | Conestoga College, Waterloo, ON - Canada                             | 3.88        | Jan 2021 – April 2022 |
| Bachelors in Information Technology                              | Sri Shakthi Institute of Engineering & technology, Coimbatore, India | First Class | Aug 2013 – April 2017 |