

Gigin Krishnan Thiruvathukkal Gopalakrishnan

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Senior React Developer

Summary

- More than 13 years of extensive programming experience in developing Web applications, Mobile Applications and Backend applications using React JS, React Native, Next JS, Vue JS, Node JS, Microservices with GraphQL API Gateway, HTML4/5, XHTML, CSS2/3, JavaScript, Typescript jQuery, AJAX, JSON, ASP.net, C#, Silverlight, WPF XML etc.
- Good Experience in working with GraphQL.
- Experience in using AWS cloud services like AppSync, Cognito, Aws Lambda, DYNAMODB, Transcode, CloudWatch, S3, RDS, Redis.
- Experienced in deploying microservices in Kubernetes Architecture
- Experience in jQuery, jQuery plugins, AJAX, JSON with Bootstrap.
- Experienced in creating CI/CD Pipeline using GitHub Actions, GCP Cloud Build, and using Jenkins.
- Good understanding in SQL databases such as PostgreSQL, SQL, MySQL, and NoSQL databases such as mongo DB, DynamoDB and firebase.
- Strong experience in Agile methodologies to manage life-cycle development including requirement analysis, design, implementation, and maintenance of the project.
- Experience with Git as Version Control Tools for source code version management and communicating with the repositories in GITHUB / Bitbucket / GitLab.

Technical Skills:

Programming Language: Typescript, JavaScript, Node JS, C#, Visual Basic .NET

Web-related Frameworks and Libraries: Redux Saga, Next JS, Vue JS, GraphQL, HTML5, CSS/CSS3, jQuery, JSON.

Mobile-related Technology: React Native, Android Studio, XCode

Web Design: Figma, Invision, Sketch, Adobe Photoshop, Adobe XD

Database: Microsoft SQL Server, PostgreSQL, MongoDB, Firebase Realtime DB.

Cloud Services: Amazon Web Services (AWS), Google Cloud Platform (GCP)

Experience:

SENIOR FRONTEND DEVELOPER (REACT JS / NEXT JS) | eBooks2Go | JULY 2024 – PRESENT

Description: eBooks2go is an online platform to buy eBooks and other book publishing services. It offers a web, Mobile, and desktop platform to read books purchased from eBooks2go. The books are protected using DRM.

Responsibilities:

- Achieved Front End UI using HTML5, CSS 3, JavaScript, Bootstrap, React JS, NEXT JS
- Developed Single Page application (SPA) using React.js.
- Used React JS for creating custom directives for re-usable components (multi-field form elements, background file uploads, etc.).
- Using web services for communication among different application
- Following agile methodologies (Scrum) and Test-Driven Development.
- Achieved CI/CD using Google Cloud Build and trigger for deployments on the Dev / Prod environment as well as QA environment.

SENIOR REACT DEVELOPER (React JS) | Client – Blue Cross Blue Shield | OCTOBER 2023 - Present

Project Description: Migration of an existing Power Builder app to React Web App

Achievements:

- **Reduced Deployment Times:** Achieved CI/CD pipelines with Jenkins and Docker, reducing deployment times by 50%.
- **Power Builder App Migration:** Successfully migrated a Power Builder application to React, enhancing performance and maintainability.
- **Front-End Performance Optimization:** Optimized front-end performance, improving user experience and application responsiveness.
- **API Debugging and Testing:** Debugged and resolved long-standing bugs in RESTful APIs using Postman and Insomnia.

- **Reusable Components:** Created reusable React components, streamlining development and ensuring consistency across the application.
- **Unit and Functional Testing:** Developed unit tests using Jest and functional tests using Cypress, ensuring high-quality code and application stability.
- **Architected a React Typescript Project:** Led the architecture of a React Typescript project with Vite.
- **Developed Responsive Applications:** Utilized React Typescript to develop responsive web applications.
- **API Development:** Created APIs using Java Spring Boot and Open API.
- **Collaboration for API Design:** Worked closely with back-end developers to design RESTful APIs for seamless data integration.
- **State Management:** Implemented Redux Saga for efficient state management and handling asynchronous operations.
- **Web Services Integration:** Facilitated communication between different applications using web services.
- **Agile Participation:** Actively participated in daily stand-ups, sprint planning meetings, code reviews, and unit testing as part of an Agile development team.

SENIOR FULL STACK DEVELOPER | Client – Capital One MARCH 2023 – OCTOBER 2023

Project Description: A Vue JS App which controls the Customer Care communication using AWS Services.

Responsibilities:

- Achieved responsive and dynamic UI components by utilizing Vue JS and React JS, enhancing user experience and engagement.
- Developed and deployed Lambda services that seamlessly connect with AWS services, improving system integration and performance.
- Successfully resolved long-standing bugs by developing and testing RESTful APIs using Postman, ensuring reliable and efficient API functionality.
- Ensured robust API functionality by conducting thorough tests with Postman/Insomnia, resulting in higher system reliability.
- Created efficient and scalable AWS Lambda functions, optimizing backend processes and reducing operational costs.
- Enhanced application performance monitoring and analysis by implementing New Relic, leading to improved system uptime and user satisfaction.
- Automated testing procedures with Jest, Cypress, Cucumber, and Vite, increasing test coverage and reducing manual testing efforts.
- Contributed to high-quality code and markup through active participation in code reviews and unit testing, ensuring code integrity and maintainability.
- Delivered pixel-perfect interface layouts and functionalities from redline specifications using HTML5 and CSS3, achieving high-fidelity designs.
- Implemented Agile methodologies (Scrum) and Test-Driven Development practices, fostering a collaborative and efficient development environment.

REACT DEVELOPER (REACT JS) | Client – Blue Cross Blue Shield AUGUST 2022 – MARCH 2023

Project Description: React JS App Reporting tool.

Responsibilities:

- Used third party libraries for reporting tools.
- Developed responsive reporting application using React JS.
- Used React JS for creating custom directives for re-usable components (multi-field form elements etc.).
- Using web services for communication among different applications.
- Used Context for state management.
- Participated in code review and unit testing to ensure quality code and markup.
- Created custom react components.
- Developed pixel perfect fit and finish interface layouts and functionality from redline with HTML5 and CSS3.
- Following agile methodologies (Scrum) and Test-Driven Development.

FULL STACK DEVELOPER / TRAINER (REACT JS, REACT NATIVE) | eBooks2Go | JULY 2022 – AUGUST 2022

Description: eBooks2go is an online platform to buy eBooks and other book publishing services. It offers a web, Mobile, and desktop platform to read books purchased from eBooks2go. The books are protected using DRM.

Responsibilities:

- Achieved Front End UI using HTML5, CSS 3, JavaScript, Bootstrap, React JS, React Native & Electron
- Developed Single Page application (SPA) using React.js.
- Used React JS for creating custom directives for re-usable components (multi-field form elements, background file uploads, etc.).
- Using web services for communication among different applications.
- Debugged RESTful API with Postman to resolve long standing bugs.
- Used Postman to test API calls.
- Developed pixel perfect fit and finish interface layouts and functionality from redline with HTML5 and CSS3.
- Following agile methodologies (Scrum) and Test-Driven Development.
- Achieved CI/CD using Google Cloud Build and trigger for deployments on the Dev / Prod environment as well as QA environment.

UI DEVELOPER | (REACT JS, REACT NATIVE | eBooks2go, Schaumburg | JANUARY 2017- JUNE 2022

Project Description: eBooks2go is an online platform to buy eBooks and other book publishing services. It offers a web, Mobile, and desktop platform to read books purchased from eBooks2go. The books are protected using DRM.

Responsibilities:

- Web Development using React JS
- Responsible for React JS development utilizing Node JS with multiple design techniques to design, develop, test, deploy maintain and improve software.
- Developed UI for the Node JS Express restful services using React JS and JavaScript.
- Involved in developing and testing the web application by using React JS, Redux, Saga.
- Designing, developing, and building the technical solution using the appropriate tools.
- Developing and directing system testing, including analysis, design, development (coding), unit testing and implementation; Being a technical resource for direct communications to team members in the project development, testing, and implementation processes.
- Documenting modifications and enhancements made to the applications as required by the project.

UI DEVELOPER (ANDROID, ASP.NET, SILVERLIGHT, WPF) | NAIPUNNYA | INDIA JUNE 2010 – DECEMBER 2014

Project Description: Attendance Management Mobile APP using Native Android and manage / develop College Administration System using ASP.net.

Responsibilities:

- Develop internal softwares like Library Management, Attendance App, Notification Boards, Websites
- Optimized website with html, jQuery and CSS media query for web design.
- Worked with Native Android Development using JAVA.
- Worked with .net to create Library software.
- Design UIs using Adobe Photoshop and develop Html pages
- Implemented Silverlight and WPF Applications using Microsoft Expression Blend.
- Closely worked with business system analyst to understand the requirements to ensure that right set of UI modules been built.

Environment: ASP.NET, C#, WPF, Silverlight, Android Java, WCF

PROJECT INSTRUCTOR | EIT | COCHIN | INDIA**APRIL 2008 – MAY 2010**

Description: EIT COCHIN assist computer science students to complete their academic project. Provide training for different technologies like ASP.net, C#, Java, Oracle, MS SQL, WPF, Silverlight

Responsibilities:

- Involved in training students in ASP.net, MS SQL, WPF, Silverlight
- Worked with JavaScript
- Supported more than 500 students to complete their academic projects
- Involved in developing Internal Software to handle faculty data using WPF
- Attend training for Microsoft Products

GRADUATION: **B.Sc. Computer Science**
College Of Applied Science

MAHATMA GANDHI UNIVERSITY
Graduated April 2008

CERTIFICATIONS: **MICROSOFT CERTIFICATION**
Microsoft Certified Professional Developer (MCPD)
Microsoft Certified Technology Specialist (MCTS)