

# SANJAY R

Front End Engineer

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🌐 [Linkedin](#)

🐙 [Github](#)

🔗 [LeetCode](#)

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## Summary

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Detail-oriented and proactive Front End Engineer with a solid foundation in Quality Assurance. Proficient in creating user-friendly, responsive, and visually appealing web applications using HTML, CSS, JavaScript, React, and Material UI. Actively seeking opportunities to contribute to innovative projects and collaborate with dynamic teams. Transitioning from QA to Front End Engineering driven by a strong interest in leveraging my logical and problem-solving skills to create exceptional user experiences.

## TECHNICAL SKILLS

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**Languages:** C, C++, JavaScript, Python, Java

**Frameworks:** React, Node, Express, Rest framework, Jupyter

**Others:** Git, MongoDB, MySQL, VS Code, Redux, Postman

## WORK EXPERIENCE

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### Accenture

Oct 2021 – Present

*Software Products and Platforms Analyst*

*Bengaluru, India*

- Developed the **custom process code** for various Automation scenarios like **REST Web Service**.
- Increased the **Automation Coverage from 40% to 65%** which helped to capture bugs during enhancements.
- Covered 100% manual scenarios with automation that **decreased regression time** from 5 days to 2 days
- Performed Regression, Smoke, API Testing on daily basis for **NodeJs Microservices Migration Project** which resulted in **robust and scalable** solution which reduced time consumption by 25%.
- Manual E2E testing was done after **UI Responsive** update to make sure the product functionality is as expected with respect to images, cosmetics etc.
- Awarded as **"Cool Collaborator"** for NodeJs Microservices Migration

## PROJECTS

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**ChatBot AI** 🗒 | [React](#), [Material UI](#), [Figma](#), [Responsive Design](#), [Redux](#)

Jun '24 - Jun '24

- Developed a scalable chat application enabling multiple simultaneous AI conversations with user feedback
- Designed an intuitive interface with floating feedback buttons and a 5-star rating system, leveraging Material UI for a responsive layout.
- Optimized performance using efficient state management, lazy loading techniques for smooth user experience.

**Crypto Desk** 🗒 | [React](#), [CoinGecko API](#), [Chart.js](#), [Responsive Design](#), [Debouncing](#)

Apr '24 - Apr '24

- Integrated CoinGecko API to fetch real-time cryptocurrency data and display dynamic content.
- Utilized Chart.js to create interactive charts for visualizing cryptocurrency price fluctuations.
- Enhanced user experience with a responsive design, ensuring seamless use across devices.
- Optimized search functionality using debouncing to improve performance with minimal API calls.

**QTify** 🗒 | [React](#), [Flexbox](#), [Swipper Library](#), [Conditional Rendering](#), [ES6](#), [REST APIs](#)

Dec '23 - Dec '23

- Created modular UI components including Cards, Carousels, and Buttons optimizing for reusability across various sections of the application.
- Implemented an intuitive genre-based song filtering system using a tab component by modifying the one provided by MaterialUI, allowing users to browse songs by their preferred genre effortlessly.

**QKart Frontend** 🗒 | [React](#), [Material UI Grid](#), [Debouncing](#), [Forms](#), [Responsive Design](#)

Nov '23 - Nov '23

- Implemented the core logic for authentication, shopping cart and checkout.
- Improved UI by adding responsive design elements for uniform experience across different devices.
- Utilized REST APIs to dynamically load and render data served by the backend server.

## EDUCATION

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**BMS College of Engineering, Bengaluru**

*B.Tech - Electrical and Electronics - **CGPA - 9.12***

**Sep 2017 – Aug 2021**

*Bengaluru, Karnataka*

## CERTIFICATIONS

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- Winner of Decision Dilemma event, during National level Annual tech symposium - PHASE SHIFT 2019
- Azure AI Fundamentals - Microsoft
- Machine Learning for Engineers - NPTEL

## EXTRACURRICULAR

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- Taught Science and Maths subjects for Mother Teresa Ashram children in offline Mode
- Led team of 2+ to work towards goals that improve quality of the product