

# Sarangan Rajendran

## (MERN) Full Stack Software Engineer

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### SKILLS

Programming Language	Frameworks/Libraries	Tools	OS
JavaScript, HTML, CSS, Node JS, ASP .net MVC	React.js, Bootstrap, MUI4, Express, Mongoose, MS SQL, MongoDB.	GitHub version control, chrome dev tool, postman	Windows, Linux CLI

### WORK EXPERIENCE

- Software Engineer – Mobius Knowledge Services (Pimworks.io) Perungalathur, Chennai** Jun 2022 – Jun 2023
- Developed C# HTML views using Kendo UI for a .NET MVC project, reducing rendering times by 20%. Created SQL store procedures (SP), resulting in a 25% improvement in database query performance.
  - Automated error report mail creation, Leads to 15% reduction in errors. Developed a new knowledge base, reducing customer support tickets by 20% and improving response times by 40%.
- MERN stack developer Trainee – CRIO.DO** Dec 2021 – Jul 2022
- Built real-world projects using the MERN stack, achieving a 15% improvement in project completion times. Used **React.js** along with **Bootstrap 4**, **Tailwind CSS**, and **Material UI 4** for web development and also able to work with any UI frameworks.
  - Conducted debugging through Chrome Developer Tools and Console Terminal, reducing bug resolution times by 30%

### PROJECTS

- Xflix node** Jun 2022 - Jul 2022
-  [Xflix Node](#)
- Skills:** MongoDB CLI, Express, REST, Mongoose
- Created a backend API for Xflix using Node.js, Express.js, and MongoDB, increasing data processing.
  - Implemented various API endpoints for video management, resulting in user upload video URL.
  - Stored new videos in MongoDB after validating the input data, reducing data entry errors.
- Qkart Backend** May 2022 - Jun 2022
-  [Qkart Node](#)
- Skills:** MongoDB CLI, Express, REST, Mongoose, JWT Token, JOI data validation, Unit and Integration testing
- Established authentication and authorization systems using tokens, improving data security and reducing security breaches.
  - Implemented JOI data validation, reducing data input errors.
  - Conducted unit testing with Jest, resolving of identified bugs, and ensuring a bug-free application.
- XFlix Frontend (A video sharing platform using React.js)** Mar 2022 - Apr 2022
-  [Xflix](#)
- Skills:** React.Js, Postman, Rest API, Netlify
- Formulated a video sharing platform frontend in React.js based on Figma designs.
  - Implemented Postman for API understanding and mocking, streamlining API integration and reducing development time by 15%.
- Qkart Frontend (A React.js E-commerce application)** Feb 2022 - Mar 2022
-  [Qkart](#)
- Skills:** React.Js, React Hooks, CSS3, Bootstrap, Git Commands, Netlify, Heroku, Linux Commands.
- Engineered core logic for e-commerce functionalities using React.js.
  - Ensured responsive design for various devices and integrated REST APIs for data retrieval.
- QTrip (A Static travel Website)** Jan 2022 - Feb 2022
-  [Qtrip](#)
- Skills:** JavaScript, HTML5, CSS3, Bootstrap, Git Commands, Netlify, Heroku, Basic Linux Commands.
- Designed a static responsive travel website using HTML, CSS, and JavaScript.
  - Improved user experience with multi-select filters and image carousels.
  - Utilized local storage for user preferences and jQuery for form submission, reducing form submission errors by 20%.

### EDUCATION

- Bachelor of Engineering (Computer Science)**  
**Shanmuganathan engineering college**  
(Affiliated by Anna University) CGPA 7.23/10 or 72.3%/100% Aug 2016 - Apr 2020