HARSHITH G S

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TECHNICAL SKILLS

Programming languages: JavaScript, Java
Developer Tools: Git, Maven, Postman, VS Code, Eclipse
QA Tools: Selenium, TestNG, Jest, Jenkins

Frontend Technologies: HTML, CSS, React.js, Redux
Backend Technologies: Node.js, Express.js, MongoDB
OS: Windows, Linux

EXPERIENCE

Infosys   Feb 2021 – Nov 2022
Systems Engineer   Bangalore, India

- As part of Software Quality Management - Automation Production Verification (SQM-APV) Team, Involved in Development, Execution and Maintenance of Automation Test Scripts.
- Developed Automation Scripts of functional testing for a Financial services company using TestNG and Selenium.
- Created and enhanced numerous test scripts to handle changes in the objects, in the tested application's GUI, and in the testing environment using Selenium WebDriver and increased script stability by 15 %.
- Used the Maven tool for Project management and for compiling, running, deploying and adding external dependencies.
- Analyzed the Business Requirements Document, put ideas into Test Plan and prepared Test Cases for new functionalities.
- Managed Sunday execution events where apps are tested in PROD env's and incidents are reported to SO's and SME's.
- Technologies : Java, TestNG, Selenium, Maven, SOAPUI, Jenkins

Infosys   Nov 2020 – Jan 2021
Systems Engineer Trainee   Mysore, India

- Developed REST APIs, database schema for InEssence Bank Application and written automation scripts for unit testing using TestNG and Selenium.
- Technologies : Java, Spring, REST, MySQL, JUnit, TestNG , Selenium, Postman.

PROJECTS

XFlix   Dec 2022 - Jan 2023
JavaScript, React.js, CSS, MUI, Node.js, Express.js, MongoDB | xflixtwo.netlify.app

- Built a video sharing platform which host videos for the world to watch. It features uploading new videos by using external video links (eg: Youtube) and displaying video fetched from the link without needing to download them first.
- Implemented reusable components and Implemented dynamic routing using react-router-dom .
- Used SnackbarProvider component from notistack to handle notifications and material UI components for UI.
- Implemented REST APIs using Node.js and Express framework to post, fetch and get videos from database, with the ability of filtering videos based on genres, content rating and to sort based on view count and release date of the videos.
- Created schema with custom validation functions for validating objects sent through API's using Joi.
- Used MongoDB NoSQL database for data storage with Mongoose schema to persist valid data in DB.

QKart   Feb 2022 - Apr 2022
JavaScript, React.js, CSS, MUI, Jest, Node.js, Express.js, MongoDB | qkarttwo.netlify.app

- Built a E-commerce application which offers variety of products for customers to choose and shop from.
- Implemented search feature with Debounce function to optimize API calls and used react Fragments, keys when rendering a list to optimize the application.
- Implemented distinct components that encapsulate behavior and renders depending on state of the app.
- Used react hooks to make code more composable and reusable. and react router hooks for dynamic routing.
- Implemented REST APIs to Create user accounts and access tokens for registering new users and Authenticating users to allow log in using token-based authentications.
- Used Passport authentication middleware and Implemented custom JWT strategy for Authorization.
- Used layered architecture to structure the application and middlewares to reduce code duplication and simplify the flow.

QTrip   Nov 2021 - Dec 2021
JavaScript, HTML, CSS, Bootstrap | qtriptwo.netlify.app

- Built a dynamic travel website that showcases list of various cities, adventures and their details, allowing users to make reservations for the adventures.
- Built responsive, accessible and dynamic web pages to enable users to easily navigate the site
- Implement filters for adventures based on Duration and Category and used local storage to persist selected filters.
- Data displayed is fetched with a REST API request to the back-end server. The adventure cards are populated and displayed from the contents of the API response.

EDUCATION

Acharya institute of technology   Jul 2016 - Jun 2020
BE in Information Science and Engineering | GPA: 7.91

Sahyadri PU College   Jul 2015 - Jun 2016
Class XII (PCMB) | Percentage: 90.5

Jain International Residential School   Jul 2013 - Jun 2014
Class X | GPA: 8.60