

HARSHITH G S

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TECHNICAL SKILLS

Languages: JavaScript, Java

Frontend Technologies: HTML5, CSS3, React.js, Next.js, Redux, TailwindCss, Scss, Material-UI, Framer-motion

Backend Technologies: Node.js, Express.js, MongoDB, Jest, GraphQL

Developer Tools: Git, Azure, Postman, VS Code, JIRA, Jenkins, Docker

QA Tools: Selenium, TestNG, Jest

EXPERIENCE

Publicis Re:sources

Mar 2023 – Present

Associate Technology L1

Bangalore, India

- Contributed to successfully develop the Front end of the alumni package application within the designated time frame and onboard an agency onto it.
- Significantly enhanced the performance of the alumni package Initial load time by 40%.
- Implemented caching using Redis cache, and using a CDN to serve static assets closer to users, reducing latency.
- Leveraged dynamic imports of Next.js, react lazy loading, and lazySizes library, reducing the initial bundle size.
- Implemented user-friendly feed section enabling post, edit, and deleting feed items, with reactions and comments section.
- Collaborated closely with the design team in creating and developing Alumni Admin pages to send invites to alumni.
- Contributed to Marcel-Component-Library repository to create re-usable components.
- Technologies: JavaScript, React.js, Redux, Next.js, Node.js, Express.js, SCSS, Jest, AEM, REST, GraphQL

Infosys

Nov 2020 – 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 PROD environment using Selenium WebDriver and increased script stability by 15 %.
- Analyzed the Business Requirements Document, put ideas into Test Plan and prepared Test Cases for new functionalities.
- Developed REST APIs, database schema for Bank Application, and written automation scripts using Selenium.
- Contributed in Developing the front-end of the Internal Testing tool. Dashboard to view and run test script jobs.
- Technologies: Java, Spring, JavaScript, React.js, MySQL, TestNG, Selenium, REST, SOAPUI, Jenkins, Postman

PROJECTS

XFlix

JavaScript, React.js, CSS, MUI, Node.js, Express.js, MongoDB | xflixtwo.netlify.app

- Built a video-sharing platform that hosts videos for the world to watch. It features uploading new videos by using external video links (eg: YouTube) and displaying videos fetched from the link without needing to download them first.
- Implemented search, sort and filter functionalities for customized and efficient data retrievals.
- 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 the database, with the ability to filter 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

JavaScript, React.js, CSS, MUI, Jest, Node.js, Express.js, MongoDB | qkarttwo.netlify.app

- Built an E-commerce application that offers a variety of products for customers to choose from.
- Implemented search feature with Debounce feature to optimize API calls.
- Incorporated React UI framework material UI for the components.
- Implemented REST APIs to Create user accounts and access tokens for registering new users and authenticate users to allow login using token-based authentications.
- Used Passport authentication middleware and Implemented a custom JWT strategy for Authorization.
- Used layered architecture to structure the application and middleware to reduce code duplication and simplify the flow.

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