

SHIKHA KUMARI

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Education

ITER' S'O'A University

Bachelor of Technology in Computer Science

Aug. 2016 – May 2020

CGPA – 8.8

Experience

Gyansys Inc.

Software Development Engineer - 1

Sep. 2020 – Present

Bangalore, Karnataka

Insta Quotes Application | *JavaScript TypeScript NextJs Redux Webpack Jest React-testing-library*

- Created fully responsive pages for the Insta Quotes application, ensuring optimal performance and user experiences across desktop and mobile devices.
- Co-developed 10+ custom Typescript/React web components, reducing the development time for modular applications
- Actively contributed to the code base, including feature additions, restructuring, refactoring, migrations, and improved test pass case from 85% to 96% for robust code quality.
- Maintained an internal UI library used across multiple projects, resulting in consistency in design and a 10% reduction in development time.
- Conducted and participated in code reviews and provided constructive feedback to peers, improving code quality and adherence to best practices within the team.
- Developed and maintained detailed documentation for the project, including architecture diagrams, coding standards, and best practices, facilitating smoother onboarding for new team members.

ARS Application | *Typescript React Jest React-testing-library .NET Core, SQL*

- Orchestrated end-to-end garment go-to-market operations and inventory management processes, streamlining operations
- Redesigned and engineered the auto-replenishment engine, transitioning from a pull to a push mechanism.
- Achieved 40% increase in new SKUs launch in 2 months by releasing remodeled engine.
- Designed and developed the Admin and Reports modules of the application, enabling businesses to keep track of distributors' data and stock

UAWCAS Application | *Azure DevOps Function Apps Typescript Angular12 ASP.NET Dapper ORM LINQ SQL*

- Modernized and revamped an on-premise monolith application by migrating it to the cloud using a microservices-based architecture, leveraging Azure services such as Azure SQL Database, App Services, and Azure Functions.
- Utilized frameworks like Angular 12 and ASP.NET, Dapper ORM JSON JWT token, Azure active directory
- Functionalized modular components for overtime management, transfer, and shift preference request management, views and admin management, handled custom validations, dynamic data handling
- Engineered separate rule engine using .Net Core for handling multiple eligibility checks involved in business rules

Projects

E-Commerce for Plants | *React JavaScript JWT HTML CSS*

Feb 2022

- Developed SPA e-commerce app using the custom component library, ReactJs, React Router, React Hooks and Context API
- Implemented features like search, sort-filter products, cart, wishlist, and address management with checkout, order summary and Razorpay payment integration
- Live URL – fern-store.netlify.app; GitHub – github.com/shikhasingh1506/fern-store-e-commerce-app

Youtube Clone App | *React React-Router ContextApi JWT MirageJS KubeUI(personal component library)*

Apr 2022

- Coded a one-stop video library of plants with dark and light themes using ReactJs, React Router, and mock back-end
- Enhanced application with features like authentication, user profile, and playlist management along with like/dislike, watch later, copy video url and history management
- Applied light and dark theme to adjust the luminance of the app to reduce end-user eye strain
- Live URL – fernlibrary.netlify.app; GitHub – github.com/shikhasingh1506/fern-video-library

Technical Skills

Languages: JavaScript, Typescript, HTML5, CSS3, Tailwindcss, C#, SQL, Java

Library/Framework: React, React-testing-library, Jest, Redux Toolkit, Jest, Angular, .Net Core

Developer Tools: VS Code, Postman

Technologies: Linux, GitHub, Azure services