

MUSKAN GUPTA

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EDUCATION

Banasthali University, Rajasthan

B.Tech - Computer Science and Engineering - CGPA - 8.29

2017 – 2021

Tonk, Rajasthan

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, React, Redux, Redux-thunk, React Router, TypeScript, Tailwind, Webpack

Backend: Node.js, Express, Java, RESTful API **Database:** MongoDB, MySQL

Deployment: Netlify **Testing:** Jest

Package Manager: NPM **Version Control:** Git & GitHub **Others:** Data Structures and Algorithm, Postman, Figma

EXPERIENCE

Software Engineer I - Klearnow.ai

February 2024 - Present

Role - Frontend Developer

Gurugram, Haryana

- Developed a **high-performance, scalable, and intuitive billing system** used by financial teams and logistics partners
- Implemented **lazy loading, memoization, and efficient state management strategies**
- Built a dynamic analytics dashboard with real-time data visualization, filtering, and search functionalities, increasing financial insights and reducing manual data retrieval efforts by **25%**.
- Designed custom reusable UI components with **React, TypeScript, Redux, and Jest**, ensuring modularity and scalability.
- Refactored the frontend code**, reducing technical debt and enhancing code maintainability.
- Seamlessly integrated frontend components with KlearEngine APIs**, enabling real-time billing data access and reconciliation.
- Worked **closely with backend engineers** to align API design with frontend requirements, reducing **integration issues by 40%**.
- Reviewed and refactored pull requests to maintain **high-quality, reusable, and scalable code**.

Graduate Analyst - Barclays

August 2021 - January 2024

Role - Frontend Developer

Pune, Maharashtra

- Developed a **real-time data quality monitoring system** that significantly enhanced financial data validation.
- Implemented **interactive graphs, data tables, and automated alerts**, providing finance teams with immediate insights into discrepancies.
- Built a **React-based frontend** for a fraud detection system analyzing **millions of transactions daily**.
- Designed **real-time UI notifications and alerting mechanisms** to flag suspicious transactions.
- Developed **RESTful APIs using Java (Spring Boot)** to enable seamless communication between the frontend and backend.
- Implemented **asynchronous API calls** in the frontend, eliminating UI lag and enhancing user experience.

PROJECTS

Social Scoop | Social Media Application

- Features: Crud Operations, User Timeline, Explore Feed, Follow/Unfollow, Bookmark Post, Like/Unlike, Comment on posts, User Profile, Sorting, Loading & Alerts, Authentication.

Pustaka | Ecommerce Application

- Features: Product Listing, Filter Products, Wishlist Management, Cart Management, Search, Loading & Alerts, Authentication, Address Management, payment integration using Razorpay API, Pagination, and others. Responsiveness, Infinite Scroll.

UI Component Library | HTML, CSS, JavaScript

- Features: Avatar, Alerts, Badge, Button, Card, Grid, Image, Input, List, Modal, Navbar, Rating, Slider, Typography, Toast.