





Kumar Shanu

Front-End / React Developer / Data Visualization Engineer

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Experienced Frontend Developer and Data Visualization Engineer with over 2 years of hands-on expertise. Proficient in ReactJS, Angular, D3, JavaScript, HTML, CSS, and Material UI, I have a strong foundation in data structures and algorithms. I bring a unique blend of frontend creativity and backend proficiency with Node.js and Express.js. Additionally, I'm skilled in data visualization techniques using D3. As a dedicated team player, I thrive on delivering exceptional user experiences and translating complex data into actionable insights. I'm actively seeking new opportunities to contribute my versatile skill set in a dynamic development environment.

KEY SKILLS

UI Designing

Coding

Application Designing

WireFrame & Design

ES6

React

Redux

React developer Tools

JSX

Debugging

Front-end Architechure

Performance Improvement

Feature Designing

Webpage Designing

Webpage Optimization

Project Delivery

Rest Api

Graphic Designing

Data Visualisation

Data Visualisation Optimization

Client Surviving

Graph Performance Improvement

Language Switcher

App theming

Backend Authentication

Backend Authorization

TECHNICAL SKILLS

Javascript

Typescript

React Js

Redux

Material UI

HTML

CSS

Tailwind CSS

D3.Js

Styled Components

Webpack

Node js

Express js

MangoDB

Postman

Firebase

NPM

Vite Template

Hooks

Svg

MVC Architecture

Ionic

Angular

Canvas

Scss

JWT

Bcrypt Js

PROFESSIONAL EXPERIENCE

- 10/2022 – Present
Kolkata, India **Software Engineer (Data visualisation Engineer), Stockedge**
As a Data Visualization Engineer at StockEdge, I played a pivotal role in transforming complex financial data into actionable insights. With expertise in D3 and Angular, my primary focus was to create dynamic and informative data visualizations. I also specialized in optimizing graph performance by strategically choosing between Canvas and SVG rendering techniques based on specific project requirements. My contributions aimed at enhancing the user experience and providing valuable insights in the dynamic world of stock market analysis.
- 07/2021 – 10/2022
Hyderabad, India **Front end developer , Aarth softwares**
I am a skilled Full Stack Developer with a track record of delivering outstanding projects. I excel in crafting visually stunning web applications and implementing responsive design principles. My expertise in data visualization allows me to transform complex data into compelling visual representations, driving insights and engagement.

PROJECTS

- 10/2022 – Present **Stock market analysis app ,**
StockEdge offers advanced charting features, allowing users to create and customize technical charts to visualize price movements, patterns, and indicators. This helps traders identify entry and exit points more effectively.
- 08/2021 – 05/2022 **Curry Company, Restaurent management website ,**
I developed a restaurant management website utilizing React, JavaScript, Tailwind CSS, Firebase authentication, and D3.js for data visualization. The project offers efficient management features a
- 05/2022 – 10/2023 **SPARQL query builder ,**
I designed a dynamic SPARQL query editor that generates queries based on user selections from a select box, simultaneously updating the selection UI for subsequent choices. This editor supports multiple query sections, allowing users to build complex queries with inner and outer conditions, and incorporates logical operators. Additionally, I ensured input validation and error handling for a seamless and error-resistant user experience.
- 10/2020 **Quotes website ,**
Build Quotes website using HTML,CSS, Bootstrap,ResetAPI, Javascript, jQuery, Express.js, MongoDB
- 05/2021 **Box Office app ,**
I developed a Box Office application that offered a seamless user experience. Users could effortlessly switch between dark and light themes for optimal viewing comfort. The app featured robust search functionality, enabling users to explore shows and actors effortlessly. Additionally, users could save their favorite shows to a 'Starred' page for easy access and delve deeper into show details by clicking the 'See More' button. This project showcased my proficiency in UI/UX design and frontend development
- 10/2022 – Present **Blogground website ,**
As part of the Blogground application development team, I contributed to creating a user-centric blogging platform. Users could create accounts, read and write blogs, comment on posts, and engage with content through likes and dislikes. Notably, registered users enjoyed full access to the application's features, including the ability to comment and like content, while non-users were limited to viewing select portions of the blogs.

EDUCATION

08/2016 – 07/2020	Acharya Institute of Technology , Bangalore ECE
06/2014 – 03/2016	G.C.S.S COLLEGE , Ranipatra Intermediate
05/2013 – 03/2014	Baidyanath High School Matriculation

AWARDS

09/03/2023	HackerRank 5 (gold) out of 6 in problem solving I have a 5-star milestone badge in hacker-rank problem-solving, data structures, and algorithms. Still, I've been working on it to get 6 star
15/06/2022	High project contributor , Aarth softwares I got the high and active project handler award from the organization
04/04/2018	Awarded with LIC_Webench an online contest on 4 th Apr 2018 for outstanding performance on achieving Third place.

CERTIFICATES

HackerRank Javascript (basic and intermediate level)	
12/2019 – 03/2020	Angika Technologies Pvt Ltd Two month Internship for Python programming language, Bangalore, .
04/2021 – 07/2021	Internshala Trainings There months internship for reactJs web development.

INTERESTS

Virtual Games | Mobile Games | Travelling