




# JAKIR HUSSAIN

## SOFTWARE ENGINEER

## FRONT-END/BACK-END DEVELOPER

itsjakirhussain@gmail.com 

+91 9629180060 

Bangalore, India 

Experienced Full-Stack Developer with over seven years in the industry, specializing in JavaScript, React JS, and GraphQL. Proven expertise in developing and maintaining scalable web applications, leading cross-functional teams, and mentoring junior developers. Skilled in both front-end and back-end technologies, including AWS, Kubernetes, and Docker. Known for delivering high-quality, maintainable code and enhancing user engagement through innovative features. Committed to continuous improvement and best practices in software development.

## SKILLS

### FRONT-END

React JS / Next JS  
Astro JS / Remix JS  
React Query/Router  
Redux Toolkit  
Styled Components  
Styled Component  
Bootstrap / Tailwind  
Material UI / NativeWind  
Vite / Webpack / Babel  
Storybook / Cypress.IO  
Jest / Mocha / Chai  
React Native / Expo  
React Native Web View  
Electron / Tauri

### BACK-END

Node JS / Bun  
Express JS / Hapi  
GraphQL / REST API  
PrismaJS / Sequelize ORM  
Apollo GraphQL / GraphQL Module

### DATABASE

MySQL / PostgreSQL  
MongoDB / DynamoDB  
Redis / Elastic Search

### LANGUAGES

JavaScript / TypeScript  
HTML / CSS  
SCSS / LESS

### MORE

Docker / Podman  
Kubernetes / Terraform  
AWS / GHA  
Serverless Computing  
Load Balancer / CDN

## EXPERIENCE

### CONDE NAST TECHNOLOGY LAB

Bangalore, Karnataka, India

JUNE 2021 - PRESENT

#### SOFTWARE ENGINEER-II

##### TNY Caption Contest

Caption contest is a weekly competition where participants provide the best description for an image offered by TNY editors. My role was to understand the requirements and develop the frontend with four stages as per the design. Additionally, I designed a database and backend to manage all contest data, including a Kubernetes cron job to pull captions submitted by users on the TNY cartoons Instagram page.

##### Personalization Content for Users

This project involved displaying personalized content based on user activities and details. The content was managed and accumulated by the ML data model. My role was to interact with the data model, fetch user information, render it on the frontend, and track user events with Snowplow.

##### Roles and Responsibilities

Coordinated with cross-functional teams to define, design, and ship new features. Provided technical leadership and mentoring to junior developers. Implemented performance improvements and ensured the scalability of applications.

#### SOFTWARE ENGINEER-I

##### Smart Component

Developed a server-driven UI component that renders different styles based on device and layout configurations provided by the layout service. The goal was to reduce the need for building multiple components and styles for each device size, configurable by TNY editors. My role included conducting a POC of the server-driven UI concept, utilizing existing styled components, and structuring the layout object for storage.

##### TNY Name Drop Quizzes

An engagement project where users request up to six clues to guess correctly, with fewer clues resulting in higher points. My role was to create a quiz application from Figma designs, handle backend data, and implement animations and slides.

##### TNY Article Inline/Footer Newsletter

Developed an article inline and footer newsletter subscription form and an inline toggle subscription unit for logged-in users to increase user subscriptions, which are a primary revenue source for TNY.

##### TNY Home Page Signalling

Enhanced user engagement by adding signals to notify users of audio content in articles. Customized the homepage and article page of TNY to highlight audio content.


##### TNY Email Newsletter


Created daily/weekly email templates that are customizable and flexible for editors, updated via the admin panel, and triggered email campaigns daily and weekly.

##### Tech Stack

React JS, GraphQL, AWS, Styled Components, Storybook, Vitest, MySQL, MongoDB, PrismaJS, Kubernetes, Datadog, Terraform, GitHub Actions, custom server-side rendering in React, GraphQL Module, Databricks, Serverless functions, Fastly CDN, Express, Hapi

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## EDUCATION

### ARUNAI ENGINEERING COLLEGE

Tiruvannamalai, Tamil Nadu, India

### BACHELOR OF ENGINEERING IN MECHANICAL ENGINEERING

AUG 2013 - JUN 2016

### KUMARAN POLYTECHNIC COLLEGE

Tiruvannamalai, Tamil Nadu, India

### DIPLOMA IN MECHANICAL ENGINEERING

AUG 2010 - JUN 2013

## LANGUAGES

ENGLISH, HINDI, TAMIL

## SOCIAL

### PORFOLIO

<https://iam-hussain.site>

### LINKEDIN

<https://www.linkedin.com/in/iam-hussain>

### GIT

<https://github.com/iam-hussain>

<https://github.com/jakir-coder>

## HTC GLOBAL SERVICES

Chennai, Tamil Nadu, India

### SOFTWARE DEVELOPER

FEB 2020 - JUNE 2021

#### American University of Antigua - Manipal Education

Developed microservices for Manipal's online degree program applications, including class assessments, surveys, quizzes, and multiple-choice questions.

#### Lead Management in Serverless Architecture

Managed large datasets of Salesforce leads with serverless functions. Validated and transformed data before storing it in DynamoDB using AWS serverless architecture.

#### Roles and Responsibilities:

Worked with AWS SQS for message queuing, EC2 for cloud computing, Elastic Search for search capabilities, and Docker for containerization. Utilized AWS serverless and conducted unit testing.

#### Tech Stack

TypeScript, Express JS, Sequelize ORM, Mongoose ODM, SCSS, AWS SQS, DynamoDB, AWS Serverless, EC2, Elastic Search, Docker

## DEVELOP SCRIPT LLC

Chennai, Tamil Nadu, India

### NODE JS DEVELOPER

DEC 2018 - JAN 2020

#### Mazzady, Sothebi, PreRio, SlotCycle

All these project are 4 types of auction based website which involuse the bidding and direct buying the products. Developed websites and mobile application APIs for Auction-Based E-commerce Websites. Integrated third-party libraries for payment gateways, shipping services, and notifications. And Managed real-time data binding between mobile applications, frontend, and backend with Socket.IO.

#### Roles and Responsibilities:

Developed auction-based e-commerce websites and mobile application APIs. Integrated payment gateways, shipping services, and notifications. Managed real-time data binding with Socket.IO.

#### Tech Stack

React JS, Express JS, Handlebars JS, EJS, AWS RDS, Redux, Socket.IO, Redis Pub/Sub, Async Waterfall, MySQL

## SELSUN TECHNOLOGIES

Chennai, Tamil Nadu, India

### SOFTWARE TRAINEE

DEC 2017 - NOV 2018

#### Round Bar Stock management

Enhancing OpenCV image processing algorithmic programs for semi-device equipment and assessing and installing vision system operation particularities. Working with a team for developing various projects with limited time to achieve the customer requirements.

#### Roles and Responsibilities:

Enhanced OpenCV image processing algorithms. Developed projects within tight deadlines to meet customer requirements.

#### Tech Stack

C++, Python, OpenCV