

# SHAIK MOHAMMED ZAHEER

## MERN STACK DEVELOPER

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### OBJECTIVE

Career-transitioning developer pivoting from Mechanical Engineering to full-stack development through structured MERN stack training at Red & White Multimedia Education. Hands-on experience building vanilla JS apps, React component-based UIs, and Node.js MVC backends. Seeking an internship or entry-level junior developer role to contribute to a real engineering team and grow under experienced mentorship.

### TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), HTML5, CSS3  
**Frontend:** React.js, Component-Based Architecture, Responsive Design, DOM Manipulation  
**Backend:** Node.js, Express.js, MVC Architecture, REST API Basics, Middleware  
**Database:** MongoDB, Mongoose ODM (*learning*)  
**Tools:** Git, GitHub, VS Code, Postman (*learning*), npm  
**Concepts:** CRUD Operations, Third-Party API Integration, Reusable Components, MVC Pattern

### PROJECTS

#### Weather App Vanilla JavaScript | HTML | CSS | OpenWeatherMap API | 2024

Fetches live weather data by city name via a third-party REST API using `fetch()` with `async/await`; dynamically renders temperature, humidity, and weather conditions to the DOM without page reload.  
Implemented input validation and error handling for invalid city names and failed network responses.

#### Website Clone — React UI Project React.js | CSS3 | Component Architecture | 2024

Rebuilt an existing website in React by decomposing the UI into reusable components (Navbar, Hero, Cards, Footer), practising one-way data flow and prop-based communication between components.  
Applied responsive CSS to faithfully replicate the original layout across multiple screen sizes.

#### Admin Panel — Node.js Backend Node.js | Express.js | MVC Architecture | 2024

Built a server-side admin panel in Express.js with strict MVC separation — routes, controllers, and models in distinct layers — and middleware for request handling and basic route management.

#### Blog, MovieStore & BookStore — MVC Applications Node.js | Express.js | MVC | 2024

Built three independent Express applications each following the MVC pattern, implementing full CRUD operations for blog posts, movies, and books respectively.  
Enforced clean layer separation: Models for data structure, Views for server-side rendering, Controllers for business logic across all three applications.

### EDUCATION & CERTIFICATIONS

#### Full-Stack Web Development — MERN Stack

Dec 2024 – Mar 2026

Red & White Multimedia Education, Surat (*In Progress*)

Covers: JavaScript, React, Node.js, Express.js, MongoDB, REST APIs, Postman.

#### B.Tech — Mechanical Engineering

Aug 2019 – Jan 2024

AVR & SVR College of Engineering, Nandyal (*JNTUA Affiliated*)

#### Certification

##### Node.js Essential Training

LinkedIn Learning | 2026

### LANGUAGES & HOBBIES

#### Languages

Language	Skills
English	Read, Write, Speak
Hindi	Read, Write, Speak
Telugu	Read, Write, Speak
Urdu	Speak
Arabic	Read
German	Currently Learning

#### Hobbies & Interests

**LinkedIn Content Creator:** Regularly publishes sketchbook-style visual explanations of JavaScript concepts — translating complex code topics into hand-drawn diagram walkthroughs, building a developer audience and public learning portfolio simultaneously.

**Visual Teaching & Sketching:** Passionate about making abstract programming concepts accessible through clear, illustrated mental models combining technical communication with creative drawing.