

# Shravankumar Muchchandi

Bengaluru | +919019206067 | shravankumarmuchchandi@gmail.com | [LinkedIn](#) | [Github](#) | [Portfolio](#)

## Profile

Highly motivated MERN Stack Developer skilled in building scalable full-stack web applications using MongoDB, Express.js, React.js, and Node.js. Experienced in developing secure RESTful APIs, managing complex state with tools like Zustand and Context API, and collaborating in agile environments. Passionate about writing clean, maintainable code and integrating real-world solutions using modern web technologies.

## Technical Skills

- Languages: JavaScript (ES6+), HTML5, CSS3, SQL
- Frameworks & Libraries: React.js, Tailwind CSS, Zustand, Context API, Node.js, Express.js
- Databases: Firebase Firestore, MongoDB, Mongoose, MySQL
- Tools & Platforms: Git, GitHub, Postman, JWT, Agile, Netlify, Vercel
- Other Skills: REST APIs, Responsive Web Design, Modular Architecture, CI/CD (basic), React Router, React Hooks.

## Experience and Projects

### Vehicle Rental Platform

*React.js, Tailwind CSS, Firebase, Context API*

[Live Preview](#)

- Built a responsive, mobile-first UI using Tailwind CSS, ensuring seamless user experience across phones, tablets, and desktops.
- Integrated Firebase Authentication and Firestore to handle user login, registration, and real-time data syncing for a fully functional prototype.
- Replaced manual booking steps with an automated system using Firestore, streamlining the ride request and assignment workflow.
- Used React Context API to manage app-wide state, enabling consistent and real-time updates across components without prop-drilling.

### RFID Attendance System - Project Engineer (Academic Role)

Feb 2025 – May 2025

*React.js, Zustand, Node.js, Express.js, MongoDB*

[Live Preview](#)

- Developed and deployed a role-based RFID attendance tracking platform for a Government Engineering College.
- Architected role-specific dashboards (Admin, Principal, and Teacher).
- Implemented secure JWT authentication and RESTful backend APIs.
- Enabled real-time student entry/exit logs with smart alerts for absentees/latecomers.
- Built robust MongoDB schemas and backend logic for live analytics.

Collaborated in 3+ group projects, taking lead on System development and participated in code reviews and debugging sessions for peer learning

## Education

### Bachelor of Engineering in Electronics & Communication

Government Engineering College Gangavathi

Dec 2021 – May 2025

CGPA: 7.23

## Achievements & Interests

- State-level Silver Medalist in Karate
- Passionate about exploring ancient Indian texts