

# Sadham Hussain M

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<http://github.com/Ala111205>

## Professional Summary:

Full-Stack Web Developer with hands-on experience building end-to-end web applications using **React.js, Node.js (Express), MongoDB Atlas, and Firebase Authentication**. Strong in **JavaScript fundamentals, REST API development, CRUD operations, role-based access control, and responsive UI design**. Experienced in delivering production-ready projects with clean architecture and real-world use cases.

## Technical Skills:

**Frontend:** HTML5, CSS3, JavaScript (ES6+), React.js, Bootstrap, Responsive Design

**Backend:** Node.js, Express.js, REST APIs, CRUD, Middleware, Error Handling

**Database:** MongoDB Atlas, Mongoose

**Authentication:** Firebase Authentication, Role-based access control

**Tools & Others:** Git, GitHub, Vercel, Service Workers, Push Notifications

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## Internship:

### Full-Stack Web Development Intern – Unified Mentor (6 months, 5.5 months completed)

- Built full-stack applications using **React, Node.js, Express, MongoDB Atlas, and Firebase Authentication**.
- Implemented secure **CRUD APIs**, role-based access, and centralized error handling.
- Followed clean backend architecture (**Routes → Controllers → Services → Models**).
- Developed responsive React frontends with API integration and state management.

## Projects:

- **Sports Buddy – Full-Stack Event Management Platform**

*React.js, Node.js, Express, MongoDB Atlas, Firebase Authentication*

- ⇒ Developed an end-to-end event management system with **admin CRUD and user-only access**.
- ⇒ Implemented **Firebase Authentication** with protected backend routes using middleware.
- ⇒ Designed REST APIs for event creation, update, deletion, and retrieval.
- ⇒ **GitHub:** <https://github.com/Ala111205/Sports-Buddy>
- ⇒ **Live:** <https://sports-buddy-psi.vercel.app/>

- **Virtual Art Gallery – Interactive Web Application**

*HTML, CSS, JavaScript*

- ⇒ Created an interactive virtual gallery with room navigation, animations, and responsive design.
- ⇒ **GitHub:** <https://github.com/Ala111205/Virtual-Gallery>
- ⇒ **Live:** <https://ala111205.github.io/Virtual-Gallery/>

- **Interactive Story Game – Custom JavaScript Engine**

*JavaScript (ES6), DOM, LocalStorage*

- ⇒ Built a custom JS engine supporting **dynamic scenes, branching logic, flags, inventory, and persistent state**.
- ⇒ Implemented non-linear storytelling without page reloads.
- ⇒ **GitHub:** <https://github.com/Ala111205/Interactive-Storytelling>
- ⇒ **Live:** <https://ala111205.github.io/Interactive-Storytelling/>

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## Education:

B.Sc. Aviation, Fighter Wings Aviation College – 2020-2023, 73.9%

## Languages:

English, Tamil