

ARUN KUMAR

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OBJECTIVE

MERN Developer intern with practical full-stack experience. Proficient in React, Node.js, and MongoDB, with foundational knowledge in Django and Python. Passionate about building efficient and user-friendly applications.

SKILLS

- **Languages:** JavaScript, Python, Basic C
- **Databases:** MongoDB, MySQL
- **Frameworks/Libraries:** React.js, Node.js, Express.js, EJS, Bootstrap, Tailwind CSS, Django, Leaflet.js
- **Tools & Technologies:** REST API, Socket.io, Git, Postman, OpenStreetMap, Razor pay

EXPERIENCE

MERN Stack Intern

Stack Mod Innovations | Thiruvananthapuram

April 2024 - *

Learnt about the core concepts of **JavaScript** and its most popular stack **MERN**. Got the Opportunity to develop and maintain applications up to the industrial standards.

PROJECTS

Truckyy

[Live](#)

- Full-stack **MERN** application done as **CSR** for Food Trucks Identification and Navigation.
- Built with **React.js** and **Node.js**, features include **OTP** verification, email confirmation, and secure **JWT-based authentication and authorization** done using **Node Mailer**.
- Integrated **Razor pay** for seamless payment processing and leveraged **Leaflet.js** with **OpenStreetMap** for dynamic tile of maps.
- Utilized **MongoDB** for data storage and **Tailwind CSS** for responsive, performance-optimized design.
- Deployed as the Frontend inside **Vercel** and Backend inside **Render** (on the free plan).

Bloggy

[Live](#)

- Developed a robust **SSR** blog platform using **Node.js**, **Express**, **MongoDB**, and **EJS** under an **MVC architecture**.
- Implemented secure **JWT** authentication, **role-based access control**, and real-time interactions via **Socket.IO**.
- Designed a responsive UI with **Bootstrap** and enhanced user experience with **SweetAlert** notifications.
- Employed **Postman** for backend **troubleshooting** and validation **middleware** for enhanced security.
- Deployed as a web service inside **Render**

Employee Management

[github](#)

- Engineered an interactive system supporting comprehensive **CRUD** operations for employee data via an **integrated API**.
- Utilized **JavaScript** to create a responsive and user-friendly interface for efficient data management.
- Focused on optimizing performance by **controlling API requests** and ensuring a **clean UI design**.

EDUCATION

BSc Computer Science

Mar Thoma College | Chungathara

2020-2023

Developed a solid foundation in computer science principles and hands-on technical skills.