Srikanth Mekala

MERN, Full-Stack Web Developer.

📞 **7799272575**
🔗 **linkedin : https://t.ly/h0Ps5**

@ **srikanthmekala500@gmail.com**
📍 **Hyderabad, Telangana**

SUMMARY

Passionate full-stack developer with expertise in React, Node.js,JavaScript and REST APIs, dedicated to creating impactful, high-performance web applications. Proven ability to enhance user engagement and improve application performance by optimizing backend services and implementing machine learning algorithms. Skilled in collaborating with cross-functional teams to deliver scalable, high-quality solutions. Ready to leverage strong problem-solving skills and technical expertise to support innovative solutions and advance organizational goals.

CERTIFICATION

JavaScript
www.scaler.com

REACTJS
www.mygreatlearning.com

NODEJS &MONGODB
www.scaler.com

PROJECTS

Bacterial Endotoxin Testing (BET) MVD Website

🔗 https://srikanthmekala500-woad.vercel.app/bet

Frontend: JavaScript,React.js,Bootstrap, **Backend**: Node.js, Express.js, MongoDB

- **Designed a user-friendly website** for calculating endotoxin limits and MVD (Maximum Validated Dilution), focusing on a clean and intuitive interface to optimize user experience and improve usability.
- **Integrated backend functionality** to securely process data inputs and perform calculations, ensuring accurate and efficient results while maintaining data integrity.
- **Conducted user testing** to collect feedback and iteratively refine the interface and functionality, ensuring alignment with user needs and enhancing overall usability.
- **Utilized RESTful APIs** to facilitate efficient and seamless data communication between the frontend and backend, significantly enhancing the application's performance and responsiveness.

Doctor Appointment System

🔗 https://srikanthmekala500.onrender.com/

Frontend: HTML, CSS, Bootstrap, Ant Design,JavaScript,React.js,Bootstrap,Redux.js, **Backend**: Node.js, Express.js, MongoDB,Mongoose,JWT,bcrypt,Cors

- **Developed a full-stack application** that allows patients to easily book appointments with doctors, optimizing the healthcare scheduling process for improved accessibility and efficiency.
- **Implemented user authentication and authorization** using **JWT** and **Bcrypt**, ensuring secure access and data protection for both patients and doctors within the application.
- **Designed an intuitive user interface** using **Bootstrap** and **Ant Design** to enhance user experience and enable seamless navigation throughout the application.

E-commerce Application

Frontend: HTML, CSS, Bootstrap, Ant Design,JavaScript,React.js,Bootstrap, **Backend**: Node.js, Express.js, MongoDB,Mongoose,JWT,bcrypt,Cors

- **Currently developing an online shopping platform** designed to deliver a user-friendly shopping experience, prioritizing customer satisfaction.
- Actively refining the design and addressing minor bugs to enhance functionality and responsiveness across various devices.
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LANGUAGES/TECHNOLOGIES

JavaScript
Advanced
●●●○○

React.js
Advanced
●●●○○

Redux.js
Intermediate
●●○○○

HTML
Advanced
●●●●○

CSS
Advanced
●●●○○

Node.js
Advanced
●●●○○

MongoDB
Advanced
●●●○○

MySql
Beginner
●○○○○

SKILLS

| MySql | REST API | Redux.js | MongoDB |

| Express.js | React.js | Express.js |

| Mongoose | Cascading Style Sheets (CSS) |

| JavaScript | HTML | GitHub | Git | VS |

| Adobe Photoshop | MS PowerPoint |

| Bootstrap | JWT | bcrypt.js |

EDUCATION

M.Sc. in Microbiology
Osmania University
📅 2018 - 2021   📍 Hyderābād, India

Bachelor of Science
SRK Degree College, Osmania University
📅 2015 - 2017   📍 Hyderābād, India

FIND ME ONLINE

💼 **linkedin.com**
Srikanth Mekala

🟢 **whatsapp.com**
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