FAWAD IMRAN

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SUMMARY

Passionate and dedicated Mern Stack Developer with over two years of hands-on experience in building frontend, backend and fullstack projects specializing in Web development

PROJECTS

Social publishing platform   April 2024 - May 2024

Project Links: [Source Code](#)   [View Project](#)

- Completely designed and built the frontend and backend of this project. Ensured proper functionality by implementing **unit** and **e2e testing**. Also hosted this project on **Vercel**.
- Project Objective: To develop proficiency in building complex projects.
- Skills Developed: Implemented **connection pooling** to optimize **MongoDB** connections in Vercel's **serverless** environment. Also, explored the **container presentational pattern** in Reactjs.
- Key Features: Google authentication, Follow/Unfollow authors, Like / Comment on articles, Publish articles, Cloudinary integration for uploading media. Used **Zustand** for state management
- Skill Utilization: Typescript, Insomnia, Git, Linux, Vercel, MERN stack, Jest, ChakraUI
- Challenges Overcome: **Optimized** MongoDB connections using Vercel's connection pooling strategy
- Outcome: Successfully deployed a social publishing platform.

Truth Table Generator   April 2024 - May 2024

Project Links: [Source Code](#)

- Wrote a **parser** that was able to understand logical expressions. **Expressjs** and **Reactjs** were used to create a web interface to allow users to interact with the underlying system.
- Project Objective: To **automate** the process of generating truth tables.
- Skills Developed: Deepened my understanding of Javascript features like **Regular Expressions**, and **Object-oriented Programming**
- Key Features: Parser, Copy to clipboard functionality
- Skill Utilization: Postman, Git, MERN stack
- Challenges Overcome: Developed a parser capable of handling complex logical expressions.
- Outcome: Successfully automated the process of building truth tables.

TECHNICAL SKILLS

Reactjs, Nodejs, Expressjs, MongoDB, Typescript, JavaScript, Git, Linux, Bootstrap, Tailwind Css, HTML, Css, ChakraUI