VIKASH SINGH TOMAR

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Projects

Store Locator Application | *HTML, Bootstrap, Node.js, Express.js, MongoDB*   **July 2021**

- Designed and developed a Web application back-end using Nodejs, Expressjs, and MongoDB database.
- Added feature for user to Add a store and locate it on map.
- Enabled the creation of stores on map using MAPBOX API.
- Utilized HTML, CSS and Bootstrap to have a user-friendly front-end.

User Authentication API | *Node.js, Express.js, JWT, MongoDB*   **June 2021**

- Developed an Authentication API using Node.js, Express.js and JWT (jsonwebtoken).
- Used MongoDB database to store the user information.
- Utilized Bcryptjs to Hash passwords before storing them in database.
- Deployed authentication using JWT upon Login.

Blog Website | *HTML, Ejs, Node.js, Express.js, MongoDB*   **June 2021**

- Designed a Blog Website with CREATE, UPDATE, DELETE and READ functionalities.
- Enabled the creation of new blog articles along with the use of DOMpurify that sanitizes HTML.
- Utilized HTML, Bootstrap to have a friendly front-end and EJS to generate Web pages in response to URL requests.

Image Uploader Application | *Node.js, Express.js, Express-handlebars, MongoDB*   **May 2021**

- Designed and developed an Image uploader application using Nodejs, Expressjs, Express-handlebars and Multer.
- Utilized multer to upload files and then store them in database.
- Created User-friendly front-end using Express-handlebars templating engine.
- The images are also being stored in our application.

Technical Skills

Concepts: Data Structures, Algorithm, Object-Oriented Programming, System Design, Problem Solving, REST API, Complex Analysis.
Languages/ Frameworks: C++, HTML/CSS, JavaScript, Node.js, Express.js, Bootstrap.
Developer Tools: Postman, VS Code, Git, Google Cloud Platform, Visual Studio, CLion, Windows.
Database: MongoDB, MySQL.

Certifications

Udemy: HTML5, CSS3 JavaScript course: Complete Guide by Fatah Gabrial.
Udemy: Oracle Cloud Infrastructure Foundations by Stephen Kahuria.
Reaktor: Elements of AI by University of Helsinki.

Education

DY Patil College of Engineering   **July 2018 – Present**
Bachelor of Engineering in Electronic and Telecommunication, 8.78   *Pune, MH*

Kendriya Vidyalaya   **May 2018**
HSC   *Nashik, MH*