

VIKASH SINGH TOMAR

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Experience

Apna Business

August 2021 – Present

SDE Intern- Backend

Bangalore, KR

- Developed CRUD flow using Node.js, GraphQL and PostgreSQL for sellers to design and update custom landing pages.
- Created User-friendly manual order upload function used by 70% sellers to take manual orders and maintain user data.
- Implemented the functionality to render banners in a prioritized order and change them periodically.
- Deployed API to accept/update/delete orders and reflect the same in pre-existing orders.

Zensar Technologies

April 2021 – June 2021

SDE Intern

Pune, MH

- Developed authentication flow for a web application using Node.js, Express.js, JWT and MongoDB.
- Implemented the functionality to create categorized sections.
- Increased the website load performance by 20% by removing redundancy and implementing caching.

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.

BlogIT | *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.

ClickMe | *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, GraphQL, Hasura.

Languages/ Frameworks: C++, HTML/CSS, JavaScript, Node.js, Express.js, Bootstrap.

Developer Tools: Postman, VS Code, Git, Retool, Google Cloud Platform, Visual Studio, CLion, Windows, Linux.

Database: MongoDB, MySQL, PostgreSQL.

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