



Name : Tapas Dash

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Experience Summary

11 months of development experience in NodeJS, MongoDB, Express.js by making complex backend services.

Professional Summary

To further enhance and sharpen my analytical and technical skills through constant learning in a dynamic and competitive environment and to use the same towards the growth of the organization.

- Experience with **NodeJS, MongoDB**, along with other common libraries like **lodash**
- Good understanding of the syntax of **Javascript** and its nuances
- Solid understanding of object-oriented programming
- Good understanding of server-side templating languages
- Basic understanding of front-end technologies like **React JS**
- Familiarity with concepts of ORM, and Restful and ODM called **Mongoose**
- A knack for writing clean, readable Javascript code
- Ability to integrate multiple data sources and databases into one system
- Understanding of fundamental design principles behind a scalable application
- Able to create database schemas that represent and support business processes
- Proficient understanding of code versioning tools
- Familiarity with continuous integration
- Familiar with Redis, Pusher, APIs, Cron jobs, Server

IT Skill set

Server Management: Digital Ocean, Heroku

Programming Languages: Javascript, Object Oriented Programming, NodeJS, MongoDB, Dart.

Framework: Express.js, Mongoose

Scripting Languages: Java script

Web Services: Restful, GraphQL

Operating System: WINDOWS8/7/XP, UNIX, LINUX, OSX

Software Tools: VSCode, GIT

Team Management Tools: Slack, Trello.

Domain(s) worked on

- E-commerce
- ERP
- Financial

Professional Experience

- Currently working as Software Engineer with Think Future Technologies, Gurgaon
- Worked as **NodeJS** Developer at theflak.in on their in-house product.

Projects:

➤ **Project Name 1: flakace**

Duration: Jan 2021–Aug 2021

Organization: theFlak.in

URL: sales.flakace.com

Description: It was an In-house ERP product which used to deal with all car dealerships. Developed a backend and did schema design for software product that allows automobile dealerships to target customers that want to purchase any vehicles. Dealership managers can track sales done by sales executives, and at which stage they are in interacting with customers like- Introductory call, test drive, follow up, booking etc. till car's delivery. Also developed a backend for car inventory systems. Server setup in the digital ocean for the same, using Nginx as a reverse proxy server, PM2 for javascript runtime

Roles and Responsibilities:

- Management of servers and handling issues regarding its performance.
- Fixing bugs and resolving bottleneckCode reviews to make necessary adjustments prior to execution.
- Made Analytics data services which used to provide data from all the different collections which were serving different analytics dashboard.
- Handled database using MongoDB.
- Real time chat using Socket.io

Environment: Linux, OSX, Javascript, MVC, REST SERVICES, Html, Nginx, DigitalOcean, Heroku.

➤ **Project Name 2: Narayana**

Duration: Jan 2021–Aug 2021

Organization: theFlak.in

URL: sales.flakace.com

Description: It was an ERP product for Narayana coaching institute which has around 6 coaching centres across Delhi NCR. All of those 6 centres were getting handled through our ERP by connecting their clients coming through different omni channels and connecting them to respective Sales executives and automating the sales process through our ERP application. Also designed the analytics dashboard which used to give daily reports to the management. Also, integrated the auto

emailer which triggered the mail whenever a new lead comes into the system and implemented cron jobs in the application.

Roles and Responsibilities:

- Schema design of Backend Architecture
- Fixing bugs and resolving bottleneck Code reviews to make necessary adjustments prior to execution.
- Made Analytics data services which used to provide data from all the different collections which were serving different analytics dashboard.
- Handled database using MongoDB.
- Real time chat using Socket.io

Environment: Linux, Cron Jobs, MongoDB, Javascript, MVC, REST SERVICES, Html, Nginx, DigitalOcean, Heroku.

➤ **Project Name 3: Wikidents**

Duration: Jan 2021–Aug 2021

Organization: theFlak.in

URL: www.theFlak.in

Description: It was a web application which used to provide dental online courses from their respective professors. I made the whole backend structure of the Admin Panel which was a custom CMS basically which is able to manage all the content like blogs, polls etc. Where users can write blogs, articles and polls through the admin panel only. For serving static assets, we used AWS s3 bucket. Also, worked on the Razorpay payment integration on the site.

Roles and Responsibilities:

- Management of servers and handling issues regarding its performance.
- Fixing bugs and resolving bottleneck Code reviews to make necessary adjustments prior to execution.
- Used AWS S3 service for serving static assets.
- Handled database using MongoDB.

Environment: Linux, AWS, Multer, Javascript, MVC, REST SERVICES, Nginx, DigitalOcean, Heroku.

➤ **Project Name 4: MERN Expense Tracker Application**

Duration: May 2020–June 2020

Organization: Personal Project

URL: <https://mern-stack-expense-tracker-app.herokuapp.com/>

Description:

This is an expense tracker app based on the MERN (MongoDB, Express, React, NodeJS) stack which tracks your expenses with a minimal UI. Its client side is made in React using React hooks and context API + useReducer() hook for state management. And in the backend, I have used Express.js for the server side handling and MongoDB for storing the transactions in the database. And at last, I deployed this app on HEROKU.

Roles and Responsibilities:

- Developed the frontend on React and backend on the Express.js using MongoDB.
- Used Context API + useReducer() hook for the state management on frontend.
- Handled database using MongoDB and deployed it

Environment: React, Node.js, Express.js, Javascript, MVC, REST SERVICES, Nginx, Heroku.