Ipsha Menon

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Experience

Full Stack Engineering Intern @ Cognizant (June 2021 → Aug 2021)
- Worked on the Enterprise Engineering team as a Full Stack engineer, where I completed a 4 week enablement focused on lectures and coding projects to develop frontend, backend, and testing skills primarily using Java SpringBoot and Angular
- Created a mock e-commerce Auction website alongside 11 interns to facilitate our learning which included developing backend CRUD functionality and implementing frontend UI requirements provided by the design team
- Collaborated with interns to maintain and deploy new features on a full stack Carbon Footprint proof of concept project using Agile methodology and version control to adapt to changing requirements for the following 4 weeks of the internship

Freelance @ Kalashree Foundation (October 2022 →Present)
- Create and maintain content for indianclassicalmusic, an online digital library aimed at documenting knowledge about Indian Classical music through video tutorials and social media content
- Manage social media and increase engagement across platforms
- Create website articles and images, and social media content using Canva, Photoshop and best SEO practices

Projects

Keeper (2022)
Built using React, JavaScript, HTML/CSS
- Developed a note taking application similar to Google's Keep
- Users are able to input a Title and Content for their note and save it to a board of previously saved notes, and delete notes

To Do List Application (2022)
Built using Node.js/Express and MongoDB/mongoose and deployed on Heroku:
- The user is able to access the default list on the homepage to add and delete tasks that will be added to the Mongo database
- Using routing parameters, users can create custom lists for specific tasks

Weather Forecasting Application (2022)
Built using codebase in HTML/CSS and Node.js/Express.js for the backend/API, deployed through Heroku:
- The user is able to input any location and the application will return the current weather forecast of that location
- The application retrieves weather information using endpoints from the OpenWeatherMap API
- Created the resulting weather webpages using EJS templates

Image Processing Microlibrary (2022)
- A small library for applying a series of transformations to an image written in JavaScript
- The library supports two transformations: Invert the image's colors and randomly rearrange the pixels of the image

Kaggle Yelp Dataset Study (Jan → May 2020)
- Used the Kaggle Yelp dataset to address questions regarding Yelp users first reviews to understand whether individuals join the platform to praise or pan a business, employing the number of star ratings
- Utilized SQL and PySpark to wrangle the dataset and interpret the unstructured data
- Visualized the results from queries using Tableau to provide Yelp with data insights on why Yelpers join the platform

Education

San Jose State University (May 2022)
BS Management Information Systems
Minor Computer Science

Lucas College of Business Dean's Scholar (2020-22)

Coursework

- Advanced Data Structures and Algorithms
- Object Oriented Design & Programming
- Web Based Computing
- Database Management Systems
- Business Strategy & Information Systems
- Big Data
- Networking & Data Communications

Skills

Product
Figma, Postman, Agile methodologies, Heroku, REST APIs, Adobe Creative Suite(Photoshop, Illustrator)

Frontend
React, JavaScript, HTML/CSS, DOM, EJS, jQuery, Bootstrap, Tailwind CSS

Backend
NodeJS, Express, Java, Python/PySpark, SQL, MongoDB, Mongoose

DevOps
Git, Bash, Jenkins

Certifications

Meta Front-End Developer Professional
Intro to Front- End Development
Version Control