Lavisha Jagwani

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Skills

Languages: C++, C, HTML5, CSS3, SQL, JavaScript, Python, Golang

Tools/Technologies: NodeJS, ExpressJS, React, Bootstrap, Git

Foundational Technologies: Data Structures and Algorithms, Database Management Systems, Computer Architecture, Computer Networks, Artificial Intelligence

Databases: MongoDB, PostgreSQL

Experience

Web Development Intern - UnifiedMentor   July 2024 – Present

- Assisted in developing and maintaining projects, ensuring seamless user experience and functionality.
- Utilized a range of web technologies including HTML, CSS, JavaScript, Node.js, and React to enhance site performance and responsiveness.
- Managed code repositories using Git, ensuring version control and tracking changes to the codebase.

Projects

Web Crawler   github

- Developed a robust web crawler utilizing JavaScript and Node.js to automate the process of extracting hyperlinks from web pages.
- Implemented HTTP requests to dynamically fetch HTML content from target websites, Parsed HTML documents to identify and extract all hyperlinks, with a frequency count of each link's occurrence.
- Tools Used: Javascript, Node.js, AWS

RSS-Aggregator   github

- Developed a RESTful API in Go to create an RSS feed aggregator, enabling users to manage and retrieve RSS feed data efficiently.
- Implemented a web server that allows clients to add, follow, and unfollow RSS feeds, Ensured database management and migrations using PostgreSQL, SQLc, and Goose.
- Tools Used: Go, PostgreSQL, SQLc, Goose, pgAdmin

Dynamic pricing models   github

- Developed a comprehensive project to create a dataset by web scraping Amazon.in using WebScraper.io, followed by the implementation and comparison of two hybrid dynamic pricing models using gradient boosting algorithms.
- Tools Used: Python, WebScraper.io

Education

SRM Institute of Science and Technology, BTech in Computer Science with   Sept 2020 – Jun 2024
specialization in Software engineering

- GPA: 9.37/10

Publications

A Hybrid Gradient Boosting Algorithm for Dynamic Pricing using a Custom   July 2024
Dataset

Jasmeet Singh Wadhwa, *Lavisha Jagwani*