SHANEPHEAR JOHN CLEETUS

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ACADEMIC QUALIFICATION

M.S Information Technology Management   **May 2024**
University of Texas at Dallas   **GPA**: 4.0/4.0
Bachelor of Engineering, Electronics and Communication Engineering   **April 2019**
St. Joseph's College of Engineering, Tamil Nadu   **GPA**: 7.51/10

TECHNICAL SKILLS

Programming languages: Python, NoSQL, SQL, C, R language, HTML, CSS, JavaScript, Typescript.
Frameworks: Node Js, React Js, Angular, Express Js, Django, Flask.
Certifications:

- **AWS Certified Cloud Practitioner ,** AWS – May 2023
- **Algorithmic Toolbox,** UC San Diego – August 2023
- **AWS Certified Cloud Solutions Architect**, AWS – December 2023
- **CS50's Introduction to Computer Science,** CS50 – February 2024
- **CS50's Web Programming with Python and JavaScript,** HarvardX – In progress (March 2024)

PROFESSIONAL EXPERIENCE

Full Stack Developer (Sr. System Engineer).   **May 2019 – July 2022**
Infosys India Pvt Ltd, Bengaluru
Wingspan Training Web Application (Multi-Tenant E-learning Application)

- Involved significantly in changing the architecture from traditional to micro frontend and made it a progressive web app (PWA) leading to optimized API calls and build.
- Revamped the player module, embracing micro frontend to address intricate use cases as both child and standalone application.
- Optimized heavy payload hierarchy REST calls in player, resulting in a 33% reduction in execution time.
- Developed an IFRAME communication framework for secured data transfer between host and child.
- Designed a SCORM supportive player, implemented video streaming player using video.js library with encryption, transcoding, telemetry and created offline player for Android and IOS.
- Developed the admin module reducing 75% backend requests.
- Generated analytics reports by monitoring user progress in terms of learning and feature usage adhering to a telemetry standard with light weight programming techniques.
- Developed a Ticket Booking Application as a part of training program using React Js, Node Js, and MongoDB.

ACADEMIC PROJECTS

Command line Text Editor using C   **Dec 2023 – Jan 2024**

- Developed a text editor using c utilizing termios.h for customized terminal configuration and code driven input handling for file operations like read, write, edit, save, and search.

Truck Data Analysis in Big Data Environment (Cloudera, Hadoop, Hive, Impala, PySpark**)**   **Nov 2023 – Dec 2023**

- Optimized truck data processing, enhancing efficiency and delivering analysis using tableau.

Used Car Price Prediction model using Decision Tree Regressor   **March 2023 – May 2023**

- Employed a prediction model using Decision Tree Regressor without and with imputed data (using an approximation method and HistGradientBoostingClassifier).

ADDITIONAL INFORMATION

Languages: English, Tamil.
Eligibility: Eligible to work in the US for internships and full time up to 36 months.