Sabitha Rachel Nazareth

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Portfolio: sabithanazareth.github.io

EDUCATION

Master of Science, Computer Science: | GPA: 3.66   Expected **May 2024**
Stevens Institute of Technology   *Hoboken, NJ*
- **Related Courses:** Web Development I and II, Machine Learning, Mathematical Foundations of Machine Learning, Database Management Systems, Knowledge Distribution and Data Mining, Agile methods for Software Development,

Bachelor of Engineering, Computer Science: | GPA: 8.09/10   **May 2019**
Visvesvaraya Technological University   *India*

SKILLS

Languages	: JavaScript, Python. Novice: PHP, Java, C
Web Technologies	: HTML, CSS**,** ReactJS, Node.js, ExpressJS, Redis, GraphQL
Databases & Version Control	: MongoDB, MySQL

WORK EXPERIENCE

Web Developer   **Apr 2021 - Oct 2021**
Freelance   *Dubai, United Arab Emirates*
- Developed responsive websites using a technology stack comprising **HTML, CSS, JavaScript, PHP, and MySQL** databases and meticulously designed user interfaces using **Figma**
- Achieved a 50% improvement in code performance by refactoring, resulting in a 20% reduction in application loading time for enhanced user efficiency and satisfaction
- Consistently delivered project milestones 10% ahead of schedule, showcasing strong project and time management skills

Project Engineer   **June 2019 - Nov 2020**
Wipro Limited   *Mysore, India*
- Performed backup of client's data using Veritas NetBackup, Backup Exec, TSM, and Veeam.
- Resolved failures of various backups such as Virtual Machines, File systems, SQL, and Oracle Databases
- Worked on improvement of existing backup operations leading to reduction of manual process to a 30%

Web Developer Intern   **July 2018 - Aug 2018**
Hewlett Packard Enterprises Delivery Centre   *Mangalore, India*
- Super headed a team of 5 and created hotel browsing application using **HTML, CSS, JavaScript, PHP, jQuery, and MySQL** database to help travelers find the ideal hotel and compare prices from different hotel booking websites
- Achieved a 40% performance boost through extensive code optimization and refinement of database queries.

PROJECTS

Project Showcase Application(github):
- Constructed an application in **React and Node.js**, enabling developers to showcase their projects
- Built **REST APIs** for users to register, post projects/ideas and write reviews using npm, **MongoDB and Express**
- Integrated **AWS S3** bucket to upload resume, profile picture and images

Telecom Customer Churn:
- Implemented a machine learning project to predict customer churn in a telecommunications company
- Pre-processed, performed feature engineering, and implemented Sampling using SMOTEEN, achieving an accuracy of 95.3%

College Admission Prediction:
- Developed machine learning models to predict college admission probabilities based on student profiles.
- Performed data pre-processing, normalization, and implemented logistic regression with PCA, achieving an accuracy rate of 90%.

Book Store Web application:
- Implemented a bookstore web application with **HTML, CSS, JavaScript, PHP, and MySQL**, serving as a central database containing various books in stock along with title, author, and cost

Restaurant Management System:
- Designed and implemented a standalone desktop application for efficient restaurant management.
- Utilized **.NET framework and SQL database** for streamlined data management and order processing.

EXTRACURRICULARS/ LEADERSHIP

- Served as the member of the Computer Science and Google Developer Student Club, organizing tech-related events.
- As a cultural coordinator, organized semi, and non-technical events, fostering a sense of community among students.