RADHIKA RAVINDRAN

+1-716-936-4295

rravindr@buffalo.edu

Buffalo, New York

EDUCATION

Amrita Vishwa Vidyapeetham
Bachelor of Technology :
 Computer Science and
Engineering

2021
9.10/10 GPA

University at Buffalo
Master of Science: Engineering
Science - Data Science
[Ongoing]

2024
3.75/4 GPA

TECHNICAL SKILLS

Languages, Databases and Technologies:

 Java, HTML, Python, JavaScript,

PostgreSQL, MongoDB, Node, Linux, React,

Tableau, Grafana, git, MySQL, Jira,

Microsoft Office tools

EXPERIENCE

Engineer   Jan 2022 - Present
Target corporation

- Applied Go programming to implement and develop 25 features for the profiler, increasing application performance by 23%. As part of web development, the user interface for the website was also maintained
- Demonstrated data processing and extraction via MongoDB and Kibana graphs. While leveraging Agile Software Development, collaborated to achieve unit testing, and bug fixing by debugging
- Presented monthly performance and statistics review of the product to the organization and guided new members about the project

Intern Bachelors Software Eng   Feb 2021 - July 2021
Honeywell International, Inc

- Designed and managed a monitoring software by applying BI tools such as Tableau and Grafana
- Invented various elaborate Tableau spreadsheets used to report monthly energy consumption statistics using extensive parametric calculations

Teaching Assistant   Feb 2021 - July 2021
Amrita School of Engineering

- Directed first-year students in labs on computational thinking and problem solving using Python

RESEARCH & PUBLICATIONS

- Conference Room Booking Application using Flutter: Conference: 2020 International Conference on Communication and Signal Processing (ICCCSP) ; Publisher: IEEE [Mobile Development]
- Smart water level monitoring and management system using IoT: Conference: 2021 6th International Conference on Communication and Electronics Systems (ICCES) ; Publisher: IEEE
- IoT based Smart Bin: A Swachh-Bharat Initiative: Conference: 2020 International Conference on Electronics and Sustainable Communication Systems (ICESC) ; Publisher: IEEE
- Stay Home and Stay Safe with the Budgeting Tool a One-Stop Finance Tracker: Conference: 2021 ICTIS ; Publisher: Springer
- HydrationCheck: An IOT-based smart water bottle: 2022 International Conference on Computing and Networking Technology (ICCNT) ; Publisher: IEEE

PROJECTS

- Reinforcement Learning: Established deterministic and stochastic settings for the model's training, by utilizing a number of techniques, including Qlearning, double-Qleaning, and SARSA
- Forensics inctfj challenge: Formulated and created tasks employing Morse code, Steganography
- Smart Rain Gauge: It uses an alarm to alert residents if rainfall surpasses a specific threshold value

ACCOMPLISHMENTS

- Received an "Overachiever" award from Target Corporation for quickly undertaking additional duties and accomplishing end-to-end execution