Mayur Kishor Kumar

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EDUCATION

Northeastern University, Boston, MA   Expected June 2024
Khoury College of Computer Sciences
Master of Science in Artificial Intelligence   GPA: 3.33

Dayananda Sagar College of Engineering, Bangalore, India
Bachelor of Engineering in Computer Science, GPA: 8.77
Sep 2018 - Jul 2022

TECHNICAL SKILLS

Mobile Development: React Native (ReactJS), Android Studio, Eclipse (Java, XML), Flutter (Dart)
Databases: Firebase (NoSQL), MySQL
Machine and Deep Learning: Supervised & Unsupervised, Recommender System, NLP, Python, ANN, CNN, RNN
Programming Languages: Java, C, C++, Python, PHP, HTML, CSS, JavaScript
Frameworks: Flask, Tensorflow, Keras, Pandas, OpenCV, PySpark, Mathplotlib, SciKit Learn
Languages: English, Hindi, Kannada

EXPERIENCE

Rambus Chip Technologies India Private Limited, Bangalore, India   August 2021 - November 2021
Intern
- Created and constructed a user-friendly interface for booking desk space, streamlining the reservation process for employees. Created occupancy plans and visualizations, delivering valuable insights into space utilization pattern
- Built a centralized database to store employee details, enabling real-time tracking of space utilization and occupancy
- Automated notifications through email, ensuring prompt communication between the facility management team and employees regarding desk space availability and reservations

ISRO - Indian Space Research Organization, Bangalore, India   March 2021 - May 2021
Project Trainee(Intern)
- Acquired expertise in socket programming. Developed a system to store and manage real-time data from Environment Monitoring System (EMS) in an efficient manner
- Devised and built an EMS Monitoring and Control Web UI with interactive visualizations to represent real-time data logs from the EMS
- Implemented an Emergency Alert System for the EMS, providing real-time notifications and alerts for critical situations

PROJECTS

Sorting Visualizer: A Tool for Interactive Exploration of Sorting Algorithms
- A tool to educate students on sorting algorithms. Features step-by-step visualization and comparison of different sorting algorithms. Improves learning experience with interactive exploration and real-time visualization

Stock Monitoring Automation System
- Implemented an automated solution for real-time monitoring and management of inventory levels, reducing manual effort and improving accuracy using powerful analytics and visualization tools

GenZ: An Augmented Reality Education Platform
- Designed and built an interactive and immersive education platform leverages augmented reality technology to enhance the learning experience

AWARDS

National and International Science, Mathematics and Cyber Olympiads
Best result would be ranking in, top 5 in the Karnataka region and top 100 nationally