SANAT DESHPANDE

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EDUCATION

Northeastern University, Khoury College of Computer Sciences Boston, United States
Master of Science, Computer Science, GPA: 4.0 Expected May 2023
Courses: Programming Design Paradigms, Web Development.

Government College of Engineering Karad Karad, India
Bachelor of Technology, Information Technology May 2019
Courses: Data Structures, Object-Oriented Programming, Database and Management System, Algorithms.

WORK EXPERIENCE

GAMMADEL TECHNOLOGIES PVT. LTD. Pune, India
Co-Founder & CEO April 2021 - Present
- Created a portal for hospitals to provide smart suggestions about various treatment methods by analysing past medical data and leveraging artificial intelligence and data analytics. The solution was accepted by 80% customers from a survey of 50+ doctors.
- Conducted 25+ customer research and market research surveys to gain additional customer pain points.

OLCADEMY New Delhi, India
Technology Analyst June 2019 - January 2021
- Led a team of 20+ interns in developing organization's internal analytics dashboard, inspired by Google Analytics, consisting of visualizations of real-time, demographics, traffic sources and revenue data sources for taking crucial business decisions.
- Managed a team of 8 interns in the development of Pearson Test of English practice simulator to assess language proficiency of users leveraging deep learning and various speech synthesis metrics. The product led to an increase in user traffic by almost 50%.
- Developed a Python-based service to map user's interest areas with LinkedIn skills dataset to show personalized statistics to the user. The average page view time of the company website increased by almost 15% due to the service.

SKILLS

Front-End: JavaScript, React, TypeScript, HTML, CSS, jQuery, Bootstrap.
Back-End: Java, SQL, NodeJS, ExpressJS, REST API, Python, MongoDB, Git, C++, C, UNIX.

PROJECTS

DUNGEON RIDE Boston, United States
CS5010 Programming Design Paradigms September 2021 - Present
- An interactive game built using Java demonstrating the use of object oriented design and following the SOLID principles.
- Used Kruskal's algorithm for dungeon maze generation with the functionality for player to move through the dungeon, collect treasure, fight monsters and find his/her path towards the exit.
- The project demonstrates various design patterns such as MVC pattern, Command design pattern and strategy pattern along with a complete jUnit test suite and GUI developed using Java Swing.

WANDERER Boston, United States
CS5610 Web Development October 2021 - December 2021
- Created a social media platform for travelers where users can share their own travel stories and experiences with other people and can interact with other users by visiting their profiles.
- The project was built using MERN stack and JWT authentication for session management.

TWITTER WEBSITE CLONE Boston, United States
CS5610 Web Development September 2021 - Present
- Built a clone of the popular microblogging website Twitter using MERN stack with features such as creating tweets, interacting with other tweets, exploring various topics, viewing and editing user profile.
- Learnt and applied concepts such as React hooks, Redux for state management, express server for the node application, RESTful APIs for the server and noSQL database commands throughout the entire project cycle.

ALGORITHMS VISUALIZER Boston, United States
Personal Project October 2021 - Present
- Developed visualizer for sorting and path finding algorithms for users to engage and to gain a better understanding of how various algorithms work that uses JavaScript, React, Redux and animations for storing and implementing visualizations of algorithms.

ADDITIONAL INFORMATION

- Winners at Atal Great Lakes Balachandran Incubation Healthcare Grand Challenge Hackathon 2020, Hackerearth having 2000+ participating teams.
- Finalists at Hackccelerate 2020 Hackathon, Hackerearth having 1000+ participating teams.