Pushpender Solanki

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2K21/CO/359

EDUCATION

B.TECH(Computer Engineering)	2021-2025	Delhi Technological University, New Delhi	7.62
CBSE (Class XII)	2020	Little Angels School, Sonipat	94.2 %
CBSE (Class X)	2018	Little Angels School, Sonipat	90 %

INTERNSHIPS AND WORK EXPERIENCE

Full Stack Web Developer Intern, Remote   June 2023-August 2023

- Developed an innovative and responsive fitness and wellness web application using the MERN stack, integrating Zoom and OpenAI APIs while ensuring HIPAA compliance.
- Seamlessly integrated the OpenAI API to generate personalized workout plans for users based on their fitness goals, preferences, and available equipment, improving user engagement and satisfaction.
- Implemented a reliable, secure platform for HD video consultations using the Zoom API, ensuring user privacy and HIPAA compliance.

ACADEMIC PROJECT

Multiple Deep Reinforcement Learning Projects | Link

- Developed and implemented the Twin Delayed Deep Deterministic Policy Gradient (TD3) algorithm, an actor-critic method for reinforcement learning, to solve complex control tasks in Python.
- Utilized PyTorch for developing the actor and critic neural networks, ensuring optimal function approximation.
- Leveraged CUDA for GPU-accelerated training, achieving faster model training times.
- Managed the training process, including batch sampling from the replay buffer and updating parameters of the networks.

TECHNICAL SKILLS

C, C++, Python, HTML, CSS, JavaScript, MySQL	React, Express, mongodb, nodejs, tensorflow, pytorch	Git, VSCode, VIM

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- JEE mains rank 1104
- Volunteered at a local non-profit organization, working directly with underprivileged individuals. Assisted in organizing events, managing resources, and providing educational support.

OTHER INFORMATION

- Linkedin:link
- Github:link