

PALAK SHARMA

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WORK EXPERIENCE

Techon Dater Systems Pvt. Ltd. - Intern | 20th Dec '23 - 3rd Feb '24

- Developed front-end features using React.js, integrated RESTful APIs for seamless data flow, and used Ant Design to create responsive and consistent UI components.

AGRI-ROBOTICS | October 2023

- Organized a 5-day workshop on AGRI-ROBOTICS at NIT Srinagar. Collaborated with NIT Agartala for the event.

Techvaganza'23 | June 2023

- Contributed to organizing Techvaganza'23 at NIT Srinagar. Assisted in planning and coordinating Creativity team.

Ek Bharat Shrestha Bharat club | May 2023

- Served as the student coordinator, organizing logistics and managing outreach for the Ek Bharat Shrestha Bharat club events.

Sargam Club | May 2022 - August 2023

- Actively contributed to cultural activities as a member of the Sargam Club.

PROJECTS

Bookshelfia | [Project Link](#)

- Developed Bookshelfia, an online bookstore using the MERN stack (MongoDB, Express.js, React, Node.js) and Vite for fast and responsive browsing.
- Implemented responsive design with dark and light mode options, ensuring a seamless user experience across all devices.
- Created a customized logo to enhance brand identity, prominently featured in the navbar and key areas of the application.

D3illustrator | [Git Repo](#)

- Built a graph visualization tool with D3.js for studying DFS algorithm, with Flask handling backend processing and communication.
- The backend processes the algorithms and sends iteration JSON to the frontend(Vite+D3 based) for visualization.

Online chess | [Git Repo](#)

- Implemented chess game for 2 players in Vanilla Js.
- The piece positions is detected by Js and the available positions is shaded with different box-color.

Snake Game | [Git Repo](#)

- Developed a classic Snake game using C++ and SDL2 library as the sole developer.
- Utilized C++ programming language for game logic and SDL2 library for graphics and user input handling.
- Introduced a feature where the player has three lives; after losing all three lives, the game resets automatically.

SKILLS

MongoDB, ReactJs, ExpressJs, NodeJs, Javascript, C/C++, MySQL

EDUCATION

National Institute of Technology, Srinagar | *Srinagar, Jammu & Kashmir* July 2021-Ongoing

Bachelor Of Technology in Computer Science and Engineering. CGPA: 7.36/10

SP Smart Senior Secondary School | *Sarore, Jammu & Kashmir* 2018-2020

Higher Education. 92.6%

Rich Harvest School | *Bari Brahmana, Jammu & Kashmir* 2016-2018

Secondary Education. 88.3%

CERTIFICATES & ACHIEVEMENTS

J&K | *Rajya Puraskaar* Award | 2017

NIT SRINAGAR | *Extravaganza'23* Dance | 2023