

Anisha

+91 9540836921 | anishav.0606@gmail.com | <https://www.linkedin.com/in/anisha-64496b229/> | <https://github.com/AnishaVermaa>

PROFILE

Highly-driven computer science student with the growing knowledge in Java, JavaScript and react. I am ready to contribute my passion and skills to a professional setting and actively seek opportunities to apply my knowledge in a business environment.

PROJECTS

Sorting Visualizer

- Designed and developed a responsive website, "Sorting Visualizer," using CSS and bootstrapping React.
- Implemented interactive visualization features for prominent sorting algorithms such as Bubble Sort, Insertion Sort, Selection Sort, Heap Sort, and Quick Sort.
- Provided users with the flexibility to adjust sorting speeds and explore algorithm behaviors across varying array sizes, enhancing their understanding of sorting processes.
- Deployed the application on Netlify to ensure seamless accessibility.
- Utilized : React and CSS3

Space Invaders 2.0

- Developed "Space Invaders 2.0" using JavaScript, featuring a dynamic gameplay experience with three distinct player-controlled shooting mechanisms. Integrated a responsive class structure, including Player for character movements and animations, Game for central logic, and Enemy with three enemy types: Beetlemorph, Rhinomorph, and Boss.
- Implemented Projectile and Laser classes to manage player's lasers, with SmallLaser causing 0.3 lives of damage per frame at 60 frames per second, strategically controlled by the '2' key. Additionally, introduced a powerful BigLaser, triggered by the '3' key, inflicting 0.7 lives of damage to enemies.
- Enhanced overall gameplay by incorporating elements inspired by the classic Japanese Space Invaders, including dynamic enemy waves and engaging animations.
- Utilized : JavaScript, Html and CSS3

Budget Planner

- Developed a comprehensive "Budget Planner" web application using React, Context API, and Bootstrap for seamless responsiveness.
- Implemented features allowing users to monitor budget amounts, track remaining funds, and view total expenses. The application also facilitates effortless addition and deletion of expenses.
- Successfully deployed the project on Netlify, showcasing proficiency in modern front-end technologies and web deployment.
- Utilized : React, Context API and Bootstrap

EDUCATION

Deenbandhu Chhotu Ram University of Science and Technology <i>Bachelor of Technology in Computer Science, 7.9 CGPA</i>	Sonipat, Haryana <i>2020 – Present</i>
New Krishna Public Senior Secondary School <i>12th</i>	New Delhi <i>2019 – 2020</i>
New Krishna Public Senior Secondary School <i>10th</i>	New Delhi <i>2018 – 2019</i>

TECHNICAL SKILLS

Languages: Java, SQL (MySQL), JavaScript, HTML, CSS
Frameworks: React, Node.js, Bootstrap, Tailwind
Developer Tools: Git, GitHub, VS Code

PORTFOLIO WEBSITE

<https://6563005ffbcc754778c6508e-funny-rugelach-746212.netlify.app/>