

GAGANDEEP SINGH

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LinkedIn | GitHub | Portfolio

EDUCATION

Bachelor of Computer Applications

(Sept 2021-Jun 2024)

Punjab College of Technical Education, Punjab, India | Overall CGPA: 9/10

Relevant Coursework: C, C++, Data Structures and Algorithms, Operating System, Java, Python, Web Technologies, Cloud Computing, Computer Networks, Algorithm Design and Analysis, Languages and Compilers.

TECHNICAL SKILLS

Languages and Frameworks: HTML, CSS, Tailwind CSS, JavaScript, React JS, Redux, Node JS, Express JS, REST API, MongoDB, PostgreSQL, JQuery, Bootstrap, , PHP, DBMS, JAVA, Python, C, C++.

Tools and Technologies: Microsoft SQL Server, Visual Studio Code, MongoDB Atlas, pgAdmin, XAMPP, phpMyAdmin, Apache NetBeans IDE, IDLE, Git.

PROJECTS

MERN Stack E-commerce Website

[Link](#) | Jan 2024

- Developed full-fledged e-commerce website using MERN stack.
- Integrated user authentication, product catalog, and shopping cart functionality.
- Implemented secure user registration and login system with JWT.
- Designed and optimized responsive frontend with React.js.
- Utilized MongoDB for efficient data management and scalability.
- Integrated payment gateway for secure online transactions.
- Created admin panel for efficient product management.
- Ensured code quality and maintainability following best practices.

Navbar Animation npm Package with GSAP (JavaScript, gsap, npm)

[Link](#) | Jan 2024

- Created an npm package for creating stunning navigation bars with captivating animations using GSAP.
- Implemented seamless integration with GSAP library for fluid animation effects.
- Successfully garnered over 1000 monthly downloads, showcasing widespread adoption within the developer community.
- Provided comprehensive documentation and examples for easy implementation by developers.
- Ensured compatibility with modern web development frameworks and libraries.

ToDo List Application with Category Management (MongoDB, Node.js, Express.js, CSS, JavaScript)

[Link](#) | Jan 2024

- Developed a dynamic ToDo list application with a focus on task organization.
- Utilized MongoDB for data storage, allowing users to create separate lists for home and work.
- Implemented functionalities to add, edit, and delete tasks within each category.
- Crafted intuitive, responsive UI with HTML, CSS, JavaScript for optimal cross-device usability.
- Utilized Node.js and Express.js to build a robust backend, ensuring seamless communication with the database.

Dictionary Application with External API Integration (HTML, CSS, JavaScript)

[Link](#) | Jan 2024

- Developed a dynamic dictionary app allowing users to search for word meanings, synonyms, antonyms, and more.
- Integrated the app with the [Dictionary API](https://dictionaryapi.dev/) to retrieve real-time data.
- Implemented features to display word definitions, synonyms, antonyms, examples, and the pronunciation audio.
- Designed an intuitive user interface using HTML, CSS, and JavaScript for an optimal user experience.

AWARDS

- **Certificate of Appreciation** for getting first position in 1st year of college.
- **Certificate of Merit** for getting first position in 2nd year of college.
- **The Complete 2023 Web Development Bootcamp Certificate.**
- **NSP scholarship** for getting 90% above in the 12th class.
- **Certificate of participation** in Hackathon.