

VAIBHAV AGARWAL

kanpur, Uttar Pradesh

☎ +91 8604331059 ✉ Email 🔗 LinkedIn 🐙 Github 🏠 Hackerrank

EDUCATION

Feroze Gandhi Institute of Engineering and Technology

08 2018 – 08 2021

*Master of Computer Applications - **Percentage - 78%***

Raebareli, India

Brahmanand Degree College

04 2015 – 03 2018

*Bachelor of Sciences - **Percentage - 52%***

Kanpur, India

TECHNICAL SKILLS

Frontend: Javascript, Reactjs, Redux-toolkit

Backend: Nodejs, Expressjs

Database: MongoDB

PROJECTS

Sorting Visualiser 🔗 | [Html](#), [Css](#), [Reactjs](#)

08 2020

- Designed and implemented an intuitive user interface allowing users to interactively input arrays, visualize sorting algorithms step-by-step, and observe real-time updates.
- Incorporated customization features allowing users to adjust sorting speed, visualize algorithm steps forward and backward, and select specific algorithms for comparison
- Optimized the visualizer for performance by implementing efficient rendering techniques, minimizing unnecessary re-renders, and optimizing algorithm implementations

Ecommerce App 🔗 | [Reactjs](#), [Expressjs](#), [Nodejs](#), [MongoDb](#), [Redux](#)

04 2021

- Led the end-to-end development of an eCommerce application using the MERN stack, encompassing front-end development with React.js, back-end development with Node.js and Express.js, and database management with MongoDB.
- Implemented secure user authentication and authorization functionalities, including user registration, login/logout, password hashing, and access control to ensure data privacy and security.

WORK EXPERIENCE

Tmotions Global Limited

12 2021 – present

Software Developer

Mohali, India

- Developed and maintained responsive websites and web applications using HTML, CSS, and JavaScript to create visually appealing and user-friendly interfaces.
- Integrated with server-side APIs to retrieve and manipulate data, leveraging AJAX, Fetch API, or Axios to facilitate communication between the client-side and server-side components.
- Maintained version control using Git, managing code repositories, branching strategies, and resolving merge conflicts to facilitate collaboration and track changes in codebases.
- Participated in Agile/Scrum development processes, attending daily stand-ups, sprint planning, and retrospective meetings to track progress, prioritize tasks, and adapt to changing project requirements.

Swap Development Private Limited

09 2021 – 11 2021

Software Developer Trainee

Mohali, India

- Collaborate with senior engineers to understand project requirements and specifications.
- Participate in the design and architecture of software applications, ensuring scalability, reliability, and performance.
- Write clean, efficient, and maintainable code following best practices and coding standards.

ACHIEVEMENTS

- Received nomination for "Best Project" in Haymarket hall of fame for policy development tracker. (04/2022 - 10/2022)