YASH VISHWAKARMA

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Education

United College of Engineering and Research   **Dec 2020 – Jun 2024**

Bachelor of Technology in Computer Science and Engineering   *Prayagraj Uttar Pradesh*

CGPA: 7.87/10 (Till 7th semester)

Work Experience

Sarvmatre International Pvt. Ltd.   **May 2023 – Jul 2023**

Software Engineer Intern   **Mode** – *Remote*

- Engineered the seamless delivery of a sophisticated backend project, applying problem-solving acumen to achieve a 40% decrease in response time and enhance system scalability, boosting operational efficiency and ensuring future growth.
- Incorporated seamless social login/signup authentication (Facebook, LinkedIn, Google) into the application using NodeJs, ExpressJs, MongoDB, Git, achieved 30% increase in user sign-ups, leading to improved user.
- Collaborated seamlessly with Ui/UX and frontend team, resulting in a 20% reduction in production delays due to smooth communication and streamlined workflows.
- Led and mentored a high-performing backend team of 10 interns, driving them to exceed target matrices by 25% through effective collaboration and streamlined agile processes.

Projects

Ecommerce Website / **PROJECT** / *HTML5, CSS3, Javascript, ReactJs, NodeJs, MongoDB, Git*   **Dec 2023 – Feb 2024**

- Collaboratively developed a dynamic MERN E-commerce platform, enabling seamless seller registration and product listing, alongside a user-friendly cart system for efficient customer shopping.
- Spearheaded a team effort to create a robust E-commerce website using MERN stack, facilitating vendor onboarding, product management, and an intuitive cart experience for customer.

Task Management Application | **PROJECT** | *ReactJs, Redux, NodeJs, ExpressJs, MongoDb, Git*   **Jul 2023 – Sep 2023**

- Developed a comprehensive task management application showcasing proficiency in both frontend and backend.
- Successfully implemented a robust authentication system, allowing users to securely sign up with unique credentials and seamless log in and out.
- Leveraged MongoDB for efficient data storage, demonstrating expertise in integrating databases to manage user information and tasks effectively, ensuring optimal performance and scalability.

Breast Cancer Detection Model / **PROJECT** /*Python, Numpy, Pandas, Matplotlib, Scikit- Learn*   **May 2023 – Jun 2023**

- Implemented Naive Bayes algorithm in Python, a powerful probabilistic classification technique, to create robust breast cancer detection model producing an accuracy of 97%.
- Utilized data visualization libraries in Python such as Matplotlib and Seaborn to generate 100% clear and insightful graphs, aiding in interpretation of model's results and enhancing the overall understanding of project.
- Successful implementation of model showcased the potential of machine learning in healthcare, particularly in diagnosing critical illnesses at an early stage which reduces bosom disease by 20% - 40%.

Gmail Auto-responder / **PROJECT** / *NodeJs, ExpressJs, MongoDB, Google-Gmail API, Git*   **Nov 2022 – Dec 2022**

- Devised an automated email management system within Gmail, efficiently processing incoming emails.
- It identifies and generates responses for unanswered emails, optimizing communication and correspondence management.

Technical Skills

Languages/Programming: Java, C, C++, Python, HTML5/CSS3, JavaScript, SQL
Developer Tools: VS Code, Postman, Git, Github, Nifty, MS- Excel
Technologies/Frameworks/Libraries: React.js, React Native, NodeJs, ExpressJs, Numpy, Pandas, Matplotlib, Seaborn
Databases: MongoDB, MySql
Relevant Coursework: Data Structure and Algorithms, Object- Oriented Programming, Database Management System

Achievement / Extracurricular

- Qualified Gate 2023 Examination with Gate Score 333
- Working as NSS volunteer past 2 years