Aman Kumbhalwar

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Education

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY	June. 2019 – June 2023
Bachelor of Engineering (Computer Science)	*Nagpur, Maharashtra*

- CGPA: 7.19/10

Relevant Coursework

- Programming Languages
- Data Structures
- Algorithms
- OOPS
- DBMS
- Operating Systems
- Computer Networks
- Web Development
- Mathematics
- Artificial intelligence
- Cybersecurity
- Software Principles

Projects

NFT Marketplace | *React, Tailwind CSS, Solidity, Metamask, Material UI, Polygon*   **October 2023**

- Led the development of an NFT marketplace facilitating creation, purchase, and sale of digital art on the blockchain, resulting in a substantial increase in monthly transactions.
- Optimized frontend performance using React and Tailwind CSS, resulting in a significant decrease in loading times.
- Implemented secure smart contracts utilizing Solidity and seamlessly integrated Metamask for wallet transactions, ensuring smooth and secure transactions for users.
- Deployed and rigorously tested the application on Polygon, effectively reducing transaction fees and enhancing overall user experience.
- View Project

MOVIEMOODS | *React, Redux, Material UI*   **September 2023**

- Developed MovieMoods, an intuitive web app enabling users to explore movies based on mood and preferences, resulting in increased user engagement.
- Integrated TMDB API for real-time movie data, significantly enhancing the app's accuracy and reliability.
- Implemented advanced features such as mood-based filtering and voice recognition using React, Redux, and Material UI, delivering a seamless browsing experience to users.
- Crafted a responsive and user-friendly interface adaptable across various devices, garnering positive feedback from users.
- View Project

INTELLIGENT AI CHATBOT | *Python, Flask, Dialogflow*   **April 2023**

- Led the development of an intelligent AI chatbot capable of diagnosing diseases and offering personalized recommendations.
- Utilized Python, Flask, Dialogflow, and a Kaggle dataset for disease information, ensuring comprehensive coverage of medical conditions.
- Deployed the chatbot on Telegram and conducted extensive user testing, resulting in positive user feedback and high satisfaction levels.
- Enabled the chatbot to suggest medications, exercises, and dietary plans based on diagnosis, providing users with tailored health advice.
- View Project

Technical Skills

Languages: C++, Java, Python, HTML/CSS, JavaScript, SQL
Frontend: React.js, Next.js, HTML5, CSS3
Backend: Node.js, Express.js, Django, Flask
Databases: MySQL, PostgreSQL, MongoDB, SQLite
Developer Tools: VS Code, IntelliJ, Android Studio, Git, Docker
Technologies/Frameworks: Linux, GitHub, JUnit, Jest

ACHIEVEMENTS

GROUP PROJECT	**June 2023**
RESEARCH PAPER: INTELLIGENT AI CHATBOT	*RTMNU*

- Led a team effort resulting in the publication of a research paper on an Intelligent AI Chatbot in the esteemed International Research Journal of Modern Engineering and Technology Sciences (IRJMETS) website.
- The paper details the design and implementation of an advanced chatbot capable of engaging users in natural language interactions and delivering tailored information and services.
- Access the Research Paper