

# VIKRANT AHIR

REACT DEVELOPER

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## EXPERIENCE

Jun 2022 – Jul 2022

VERZEO

### Online Internship

- Spearheaded the development, implementation, and optimization of machine learning algorithms, enhancing predictive accuracy.
  - Engineered a robust data preprocessing pipeline that streamlined data cleaning processes, resulting in a 40% reduction in data preparation time and enhancing overall algorithm efficiency for predictive modeling projects.
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## PROJECTS

### FITNESS WEB-APP

REACT

- Engineered a dynamic fitness application using React, integrating Rapid API to dynamically display an exercise database categorized by muscle groups.
  - Optimized state management through React hooks and Context API, ensuring seamless data flow and peak application performance.
  - Designed an intuitive interface that provided real-time access to exercise data, leading to a 20% boost in user retention and a 30% rise in workout completion rates within three months.
  - Utilized Material-UI to create a responsive, visually appealing interface, ensuring a consistent user experience across all devices.
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### CRYPTOCURRENCY APP

REACT

- Developed a cryptocurrency application with React, utilizing Rapid API to deliver real-time data on cryptocurrency prices, market trends, and trading volumes.
  - Leveraged Redux Toolkit for state management, facilitating smooth and responsive user interactions by effectively managing asynchronous data fetching and updates.
  - Implemented advanced filtering and sorting features, allowing users to tailor their cryptocurrency data views based on market cap, price change, and volume, resulting in a 25% reduction in search times.
  - Executed responsive design strategies, ensuring a consistent, user-friendly experience across diverse devices and screen sizes.
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### MENTAL-HEALTH CHATBOT

PYTHON | AI-ML | NLP

- Created a robust conversational AI system that analyzed user inputs and generated contextually relevant, empathetic responses, simulating human-like interactions.
  - Applied advanced NLP techniques, such as sentiment analysis and entity recognition, to accurately interpret and respond to complex emotional states and queries.
  - Incorporated state-of-the-art neural network models (e.g., transformers, LSTM) to elevate the quality and coherence of therapeutic dialogues, improving user satisfaction by 15%.
  - Worked alongside mental health professionals to ensure the chatbot met ethical guidelines and delivered clinically accurate support.
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## EDUCATION

AUG 2020 – MAY 2024

PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY

BACHELOR OF ENGINEERING IN INFORMATION AND TECHNOLOGY

RASAYANI, PANVEL

CGPA (8.30/10.00)

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## OTHER

- Languages: Hindi, English, Marathi
- Technical Skills: **Reactjs**, Java-script, HTML, CSS, python, Material-UI
- Hard Skills: Responsive User Interface, Redux, Rapid-API, Troubleshooting, web Applications.
- Certifications: Introduction to Web Development, Machine Learning Using Python, AWS cloud practitioner
- Coursework: Knowledge Management, Cloud Computing, Full Stack Web-development