

VAIDIK PANDYA

Dungarpur, Rajasthan

☎ [9511352703](tel:9511352703)

✉ vaidik24pandya@gmail.com

🌐 [Linkedin](#)

🐙 [Github](#)

EDUCATION

- | | |
|---|-------------------|
| - Pandit Deendayal Energy University, Gujarat | 2025 |
| B. Tech in Computer Science and Engineering | CGPA: 9.54 |
| - Ascent International School, Udaipur | 2020 |
| Rajasthan Board of Secondary Education | Percentage: 82.80 |
| - Vidhya Niketan sec. School, Simalwara, Dungarpur | 2018 |
| Rajasthan Board of Secondary Education | Percentage: 88.67 |

EXPERIENCE

- | | |
|---|-----------------|
| - Brainybeam | May – June 2024 |
| Summer Internship | |
| <ul style="list-style-type: none">– Developing e-commerce applications for grocery and vegetable shopping using React, HTML, CSS, and Bootstrap, improving user convenience and accessibility.– Adding features for detailed product information and consumer reviews, increasing user engagement and satisfaction on online shopping platforms. | |

PROJECTS

- | | |
|---|------------|
| Temple Fundraising Dashboard | June 2024 |
| React, Node.js, Express.js, MongoDB | |
| <ul style="list-style-type: none">– Developed a sophisticated fundraising management platform leveraging the MERN stack, effectively managing over 20 events and 500 donations.– Engineered and launched comprehensive CRUD operations for events and donations; ensured real-time updates and improved data handling efficiency, resulting in a 40% increase in transaction processing speed.– Enhanced donation tracking system by integrating export functionalities to Excel and Word, streamlining data portability and improving reporting efficiency by 40%, resulting in more accurate and timely financial analyses. | |
| - Spotless Tunes | May 2024 |
| React, Node.js, Express.js, MongoDB | |
| <ul style="list-style-type: none">– Innovative music management platform combining React, Node.js, and MongoDB.– Integrated Spotify API for seamless playlist management and lyric retrieval, enhancing user experience and engagement by 50%.– Engineered a user-friendly interface with advanced features such as duplicate removal and music analysis, reducing user effort by 30%. | |
| - Analysis of Coal Supply and Consumption in India | April 2024 |
| Google Colab, Microsoft PowerBI | |
| <ul style="list-style-type: none">– Implemented interactive PowerBI dashboards to visualize coal supply and consumption patterns in India.– Analyzed data using various regression models, achieving a prediction accuracy of over 85%.– Provided quantitative measures of model accuracy, achieving a precision rate of 85% and recall rate of 90%, enabling detailed insights and informed decision-making. | |
| - Brain Tumor Detection and Segmentation | April 2024 |
| Google Colab, CNN, U-Net | |
| <ul style="list-style-type: none">– Applied CNN to classify brain MRI images with 92% accuracy and used U-Net for tumor segmentation, improving detection accuracy by 30%. | |
| - OS Algorithms Showcase | March 2023 |
| HTML, CSS, javascript, MySql, SQL, Xampp | |
| <ul style="list-style-type: none">– Created a website showcasing operating system algorithms like Round Robin etc– Built a user-friendly interface and integrated interactive learning modules, increasing user engagement by 40%.– Curated educational resources to enhance learning outcomes, improving user satisfaction by 35%. | |

TECHNICAL SKILLS

Programming Languages : Javascript, Java, SQL, PHP, Python, C, Scala, Markup/Style (HTML, CSS)

Data Visualization Tools : PowerBI

Developer Tools : VS Code, Xampp, Github, Postman, Databricks, IntelliJ, GoogleColab, Pycharm

Frameworks/Technologies : Express, React, Node.JS, SpringBoot, MongoDB, JDBC

Soft Skills: Teamwork, Leadership, Communication

Coursework: Data Structures and Algorithm, Design and Analyses of Algorithms, Database Management System, Operating Systems, Theory of Computation, Computer Networks, Information Security, System Software and Compiler Design, Artificial Intelligence, Cryptography and Network Security, Big Data Analytics, Object Oriented Programming with Java, Software Engineering, Design Pattern, Spring.

Area s of Interest: web development, DSA

ACHIEVEMENTS

- | | |
|--|------------------|
| - Code For Good | 14 -15 June 2024 |
| Participated in Hackathon organized by J.P. Morgan Chase | |