

Priyanshu Raj

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EDUCATION

Vellore Institute of Technology, VIT Bhopal

B. Tech in Computer Science and Engineering, Cloud Computing

September 2021 – May, 2025

CGPA: 7.98/10

TECHNICAL SKILLS

Languages: Java, C++, HTML, CSS, Python, Javascript, SQL

Frameworks: React.js, Bootstrap, Node.js, Express.js, Type Script

Relevant Coursework: AWS , Testing , Firebase , Operating System, Database Management Systems

PROJECTS

MultiPred | *HTML, CSS, React.js, JavaScript, Python, Django, ML: Logistic Regression*

February, 2024

- Engineered a comprehensive web application for predicting heart disease and breast cancer, processing data from over 10,000 patient records with 95% accuracy.
- Designed a clean and responsive interface, enhancing user engagement and ease of navigation by 40%.
- Optimized logistic regression models, improving prediction accuracy from 70% to 85%, resulting in a 30% increase in user trust and system adoption rates.
- Implemented real-time prediction capabilities, reducing diagnosis time by 50% compared to traditional methods.

Certify | *HTML, CSS, PHP*

December, 2023

- Architected a streamlined certificate creation platform, handling over 5,000 certificates for 50+ event organizers monthly, resulting in a 75% reduction in processing time and a 95% increase in organizer satisfaction rates.
- Automated certificate generation process, reducing manual effort by 60% and increasing accuracy by 40%.
- Integrated user authentication and role-based access control, enhancing platform security by 70%.
- Incorporated bulk upload feature, allowing organizers to process 500+ certificates simultaneously, improving efficiency by 80% and reducing certificate generation time from 2 hours to 15 minutes per batch.

Waste Management Website | *HTML, CSS, Java, Bootstrap, React.js, Node.js, Express.js*

February, 2022

- Created an interactive website enabling users to assess stress and depression levels, attracting over 1,000 active users and facilitating more than 5,000 mental health assessments, leading to a 40% increase in community awareness.
- Improved mental health awareness and engagement by 60% through user-friendly interface and targeted content.
- Implemented responsive design principles, ensuring seamless accessibility across 15+ device types and screen sizes.
- Leveraged data analytics tools to track user engagement, resulting in a 35% increase in average session duration.

EXPERIENCE

PLYPicker

April 2022 – January 2024

Data Intern and Testing

Remote, Mumbai

- Executed regular weekly data updates, systematically improving data accuracy by 30%.
- Ensured dataset remained current and relevant for user interactions and app functionalities, increasing user satisfaction by 25% and reducing data-related customer queries, while improving app performance metrics.
- Collaborated in daily stand-up meetings and bi-weekly sprint reviews, contributing to the agile development process and improving team productivity through streamlined workflow management.
- Established automated testing procedures, reducing bug detection time by 40% and improving overall software quality, resulting in a 60% decrease in post-release issues and a 25% increase in customer satisfaction scores

CERTIFICATIONS

AWS Certified Cloud Practitioner – Foundational: Amazon Web Services, January 2024

Developer Virtual Experience Program: Accenture, November 2023

ADDITIONAL INFORMATION

Core member, PR Team: GeeksforGeeks, VIT Bhopal, February 2023 – Present

Participation: E-Commerce & Tech Quiz of the Flipkart GRiD 5.0 - Software Development Track (Level 1.1)

Hobbies: Finding Bugs in different websites, Playing football, Playing Valorant

Languages: English (Conversational Proficiency), Hindi (Superior Proficiency)