

BISWA RANJAN BARIK

Hyderabad, TG

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EDUCATION

Keshav Memorial Institute of Technology | JNTU

Bachelor of Technology in Information Technology

August 2023

Hyderabad, TG

RELEVANT COURSEWORK

- Data Structures
- Algorithms Analysis
- Full Stack Web Development
- Data Science for Engineers
- Social Networks
- Time Management

PROJECTS

HappyDrivez - Car Rentals | *ReactJS, Typescript, Vercel*

🐙 GitHub — 🌐 Live Demo

December 2024

- Developed a comprehensive car rental web application leveraging React, TypeScript, and Tailwind CSS, delivering a responsive and intuitive user interface.
- Designed and implemented responsive and interactive UI components to enhance user engagement.
- Leveraged tools like Bolt.New and StackBlitz for rapid prototyping and GitHub for version control.
- Deployed the application on Vercel for high performance.

Assembly: Endgame | *ReactJS, Javascript, Vercel*

🐙 GitHub — 🌐 Live Demo

February 2025

- Developed a responsive Hangman-style game using React, where incorrect guesses change the state of programming languages.
- Implemented a fully responsive UI with CSS, ensuring compatibility across devices.
- Integrated game logic to track correct and incorrect guesses dynamically.
- Deployed the application on Vercel for high performance and seamless user experience.
- Used GitHub for version control and collaboration, maintaining clean and structured code.

ChefClaude – AI-Powered Recipe Generator | *ReactJS, HuggingFace API, Vercel*

🐙 GitHub — 🌐 Live Demo

February 2025

- Developed a fully responsive web app that suggests personalized recipes based on user-input ingredients.
- Built the frontend using React with Vite, ensuring optimized performance and efficient development.
- Integrated Hugging Face API to fetch AI-generated recipe recommendations.
- Implemented React concepts such as conditional rendering, props, and state management for interactivity.
- Designed a fully responsive UI using CSS, ensuring a seamless experience across devices.
- Deployed the application on Vercel for high availability and fast load times.

Obstacle Avoiding Robot | *Python, Robotics*

September 2022

- Developed an autonomous robotic vehicle using sensors, microcontroller, and DC motors to navigate around obstacles.
- Designed the robot to detect and navigate around obstacles using ultrasonic sensors, ensuring smooth operation in dynamic environments.
- Programmed the microcontroller to process sensor data and control motor functions, achieving efficient obstacle avoidance.

TECHNICAL SKILLS

Languages: Java, Python, HTML/CSS, JavaScript, SQL, TypeScript

Technologies/Frameworks: React.js, Node.js, Express.js, Tailwind CSS, Vite, NextJS, GitHub

Tools/Platforms: Visual Studio Code, Windows, Linux, MySQL Workbench, JIRA, Zephyr, Figma, ChatGPT, StackBlitz, Bolt.new

Other Skills: Data Structures and Algorithms, GIT, CI/CD, CLI, GUI, AI (NLP), Unit and Integration Testing, SDLC, Agile, RESTful APIs, MS PowerPoint, Excel.

LEADERSHIP / EXTRACURRICULAR

Club Activities

2019-2023

Member, Volunteer

KMIT

- College Basketball Team, Member: Participated in inter-college basketball tournaments, demonstrating teamwork and leadership skills.
- Photography Club, Member: Organized and participated in photography exhibitions and workshops, showcasing creative photography skills and event management.
- Local Community Service, Volunteer: Engaged in various community service activities, including teaching underprivileged children and fostering a sense of social responsibility.