GUNDIREDDY AVINASH

Vijayawada, Andhra Pradesh

📞 +91 9398561330   ✉ avinashabhi870@gmail.com   in Linkedin   Github   Codechef   LeetCode

CARRER OBJECTIVE

Final-year BTech student specializing in Embedded Systems and Full Stack Web Development. Proficient in C, Java, SQL, MongoDB, Redis, HTML, CSS, JavaScript, Express.js, Node.js. Seeking opportunities to apply my skills in developing efficient, scalable software solutions in IoT, RESTful APIs, and responsive web design.

EDUCATION

Koneru Lakshmaiah Education Foundation   **2021 − 2025**
*B.Tech - Electronics and Communication Engineering - **CGPA** - **9.3***   *Vijayawada, Andhra Pradesh*

Nettur Technical Training Foundation   **2018 − 2020**
*Diploma - Electronics and Communication Engineering - **CGPA** - **8.1***   *Bangalore, Karnataka*

Bala vignan EM High School   **2017 − 2018**
*The Board of Secondary Education Of Andhra Pradesh - **CGPA** - **8.3***   *Vijayawada, Andhra Pradesh*

COURSEWORK / SKILLS

- Java 8
- SQL, MongoDb
- HTML, CSS, JavaScript
- Express Js, Node js
- Basic of electronics
- React js
- jOuery
- Node.js (MVC Architecture)
- Git and GitHub

PROJECTS

Implemented Notes Website with Authentication   **2022**

- **Technologies:** HTML, CSS, Express.js, Node.js, MongoDB, Passport.js
- Designed and developed a fully functional Notes management web application from scratch, using HTML5, CSS3, Express.js, and Node.js.
- Integrated a user authentication system with Passport.js to enable secure login and registration, ensuring user data privacy and secure access.
- Implemented CRUD functionalities for creating, saving, editing, and deleting notes, delivering a seamless and intuitive user experience.
- Utilized MongoDB to handle efficient data storage, enabling real-time data retrieval and secure note management.

Omnifood Website with HTML, CSS, and JavaScript   **2021-22**

- **Technologies:** HTML, CSS, JavaScript
- Developed and launched a responsive, cross-browser compatible food delivery website, improving user interaction and accessibility across multiple devices.
- Integrated interactive features and animations using JavaScript, enhancing user experience with smooth transitions and intuitive navigation.
- Optimized website performance and ensured compatibility across major browsers, delivering a fast and responsive design for seamless browsing.

REACT-BOOKS with REACT   **2023-24**

- **Technologies:** React.js
- Developed an interactive online bookstore using React.js, enabling users to browse, read, and annotate books with features such as text highlighting, bolding, and note-taking.
- Implemented state management in React to handle complex user interactions efficiently and provide a smooth user experience.
- Planned future enhancements, including mobile responsiveness and additional features to improve user engagement and cross-platform compatibility.

RFID RC522 Attendance System Using Arduino with Data Logger　　　　2020

- **Technologies:** Embedded C, Arduino, RFID
- Engineered an RFID-based attendance tracking system using Arduino and RFID RC522 for real-time attendance management.
- Implemented data logging functionalities for efficient attendance record-keeping, enabling automated, accurate storage of attendance data.
- Designed the system with embedded C for seamless hardware integration and demonstrated the system's practical applicability in real-world environments.

TECHNICAL SKILLS

Embedded Systems Skills : C, Arduino
Web Development Skills : HTML, CSS, JavaScript, React, Node.js, Express.js, MongoDB, SQL, RESTful APIs, MVC.
Developer Tools : Git, VS Code, GitHub
Languages : C, JAVA, OOP Principles , Data Structures.

Strengths

- Strong technical foundation in both embedded systems and full-stack development.
- Relevant hands-on projects with clear technical details.

CERTIFICATIONS

- Build Responsive Real-World Websites with HTML and CSS - Udemy.
- The Ultimate React Course 2024 - Udemy.
- Complete Web Mobile Designer: UI/UX, Figma - Udemy

EXTRACURRICULAR

- Taught basic Frameworks in offline Mode. 08-2022 – 12-2022
- NSS Member from 2023 to till now