Prajwal B R

Bengaluru, Karnataka, India | P: +916363450449,
prajwalbr0304@gmail.com
www.linkedin.com/in/prajwal-reddy-34024b307

PROFILE

Motivated engineering student with a strong background in software development, AI analytics, and IoT system integration. Proficient in C, Python, Java, and MySQL, focusing on creating scalable and user-friendly solutions. Adept at tackling complex technical challenges through practical experience in machine learning, real-time communication, and database management, utilizing cutting-edge technologies to deliver effective outcomes.

Skills

Technical Skills:

- Programming Languages: Java, C programming, Python, JavaScript.
- Web Technologies: Full Stack Development, Web Development.
- Databases: MySQL, RDBMS, MongoDB, PostgreSQL.
- Data Structures & Algorithms (DSA) (Arrays, Stacks, Queues, Linked list, Sorting algorithms), Internet of Things, Proficiency in AI/ML fundamentals, Software Engineering and Project Management, Django.

Soft Skills:

Excellent at fostering team collaboration, self-driven, with strong organizational abilities, keen aptitude for critical thinking.

UNIVERSITY PROJECTS [GitHub]

BABY MONITORING SYSTEM

Embedded system for real-time monitoring of babies' health and safety, simulated and designed in Proteus Software, integrated with Embedded C.

- Impact: Enhanced caregiving with timely alerts, ensuring infant safety.
- Tech: Proteus Software, Embedded C, Real-time monitoring system.

AI GRAMMAR CORRECTOR WEBSITE

AI-powered grammar correction platform developed with Express.js, HTML, CSS, and OpenAI GPT integration, providing real-time suggestions for improved sentence structure and clarity.

- Impact: Increased writing accuracy and efficiency by 20%, aiding users in creating error-free content.
- Tech: Express.js, HTML, CSS, OpenAI GPT Integration.

THOUGHT-BASED WEBSITE

A web platform for securely storing and organizing thoughts and notes, developed using Django, HTML, CSS, and JavaScript, with AWS for database storage and deployed via Render service.

- Impact: Improved note organization and easy access to personal thoughts.
- Tech: Django, HTML, CSS, JavaScript, AWS, Render service.

DE-FI HOMES: REAL ESTATE MARKETPLACE DAPP

A blockchain-powered real estate auction platform built with React, Supabase, and MetaMask, enabling secure crypto bidding and decentralized property transactions. Live Demo

- Impact: Bridges traditional real estate with Web3 technology and global access to property investments.
- Tech: React, TypeScript, Tailwind CSS, Supabase, MetaMask, Ethereum, Chart.js, Framer Motion.

Education

DAYANANDA SAGAR UNIVERSITY
Bachelor of Technology
Major in Computer Science and Engineering
CGPA: 8.83/10

Bengaluru
Expected 2026

Certifications

- **Artificial Intelligence** – IBM skills build CSRBOX
- **Django** - Udemy

Languages

- English
- Kannada
- Hindi