DHEERAJ RAGAVENDAR V
Gmail | Linkedin | Portfolio

EXECUTIVE SUMMARY:
Innovative and results-driven developer with expertise in full-stack development, blockchain technology, and AI-powered solutions. Adept at problem-solving, collaborating in dynamic environments, and driving impactful digital solutions.

EDUCATION:
- **Vellore Institute of Technology** (2023-2027)
  B.Tech. in Computer Science Engineering
  Specialization in Artificial Intelligence and Machine Learning
  CGPA: 8.07/10 | Chennai, Tamil Nadu
- **S.R.D.F. Vivekananda Vidyalaya** (2009-2023)
  Maths and Computer Science | Chennai, Tamil Nadu

SKILLS:
- **Programming Languages:** Python, Java, C, C++, JavaScript, Dart
- **Frontend Technologies:** React.js,Tailwind CSS, TypeScript,CSS
- **Backend & Databases:** MongoDB, MySQL, Firebase
- **Developer Tools & Platforms:** Git, GitHub, Vercel, Kaggle, Flutter
- **Soft Skills:** Critical Thinking and Analysis , Problem Solving, Leadership

EXPERIENCE:
- **Game Development Club VITC** (Nov 2024 – Present)
  Lead of Social Media Department
  - Part of the core deciding authority of the club in various decision making things.
  - Co ordinated and promoted three events in a short span of time with a good morale and tempo
  - Had a hands on experience in working with unity and unreal for game development

PROJECTS:
- **Ride-Sharing App**
  - Built a feature-rich ride-sharing app with real-time GPS tracking and multiple ride options.
  - Designed an intuitive UI using Flutter's customizable widgets for a seamless user experience.
  - Implemented secure ride tracking with emergency alerts and driver verification.
  - Optimized cross-platform performance for both iOS and Android.
  - **Technologies Used:** Flutter, Dart, Firebase, Google Maps API

- **Task Manager**
  - Developed a task management application with features for creating, editing, and deleting tasks.
  - Integrated priority levels and due dates for improved task organization.
  - Designed an intuitive and user-friendly interface for better navigation.
  - Ensured efficient data handling with an optimized backend structure.
  - **Technologies Used:** React.js, MongoDB

- **Modular Drone(Applied for Patent)**
  - Designed a modular drone system with a universal attachment interface for seamless module swapping across diverse applications.
  - Integrated AI-assisted flight optimization for dynamic adjustments in altitude, speed, and stability based on active modules.
  - Developed specialized plug-and-play modules for surveillance, emergency response, industrial inspection, and environmental monitoring.
  - Enabled real-time data transmission and cloud-based diagnostics using IoT and edge computing technologies.
  - **Technologies Used:** Embedded Systems, AI/ML, IoT, Edge Computing, CAD, Custom PCB Design