

Donald Janga

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Career Objective

Dedicated IoT Engineering student seeking to leverage hands-on experience with embedded systems, microcontroller programming (Arduino, Raspberry Pi), and Post-Quantum Cryptography. Eager to contribute to a forward-thinking engineering team focused on building secure, smart, and scalable physical-digital network solutions.

Education

Ramachandra College of Engineering (RCEE), Eluru

B.Tech in Internet of Things (2024–2028)

CGPA: 7.2 / 10

Sri Chaitanya Junior College, Eluru

MPC (Mathematics, Physics, Chemistry) (2022–2024)

Percentage: 74%

Seventh Day Matriculation Higher Secondary school – Chennai

Indian Certificate of Secondary Education (ICSE) (2021–2022)

Percentage: 89%

Technical Skills

- **Programming & Tools:** C, C++, Python, Java, Kotlin, HTML/CSS, JavaScript, Firebase, Git
 - **Hardware & IoT:** Arduino, NodeMCU, ESP8266, Raspberry Pi, Sensor Integration, ThingSpeak API
 - **Concepts:** Post-Quantum Cryptography, AI Prompt Engineering, Object-Oriented Programming, Digital Electronics
 - **Soft Skills:** Problem Solving, Analytical Thinking, Creative Adaptability, Project Management
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Internships

Data Science Intern | SkillDzire

May 2025 – June 2025

- Applied fundamental data science concepts including data preprocessing, exploratory data analysis (EDA), and basic machine learning techniques.
 - Worked with structured datasets to extract insights and support data-driven decision-making.
 - Utilized Python-based tools and libraries to perform data analysis tasks.
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Virtual Internships

AI & Data Science Virtual Internships

- Completed hands-on simulations focused on AI/ML workflows and data analytics processes.
 - Gained exposure to real-world problem-solving scenarios using machine learning models.
 - Developed understanding of end-to-end data science lifecycle, including data collection, preprocessing, modeling, and evaluation.
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Workshops & Certifications

- **Ai tools:** Workshop from Be10x
 - **Gen Ai** – Course by Outskill
 - **ChatGpt as your assistant** – Analytics vidhya
 - **Exel- from Beginner to expert:** Course by Analytics vidhya
 - **IoT Designing concepts:** Workshop from RCE
 - **Java** – Udemy
 - **Nano Banana:** Analytics vidhya
 - **Project Expo:** LBRCE
 - **Python:** Udemy
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Projects

RescueShield AI – Post-Quantum Drone Security Dashboard

GitHub: <https://github.com/jangadonald-hue/RESCUE-SHEILD-AI>

- **Designed and developed a secure external web-based dashboard to enable real-time tracking, alerting, and monitoring of an aerial drone fleet.**
- **Built the application using HTML, CSS, JavaScript, and the ThingSpeak API, ensuring a structured, interactive, and highly responsive futuristic UI.**
- **Implemented Post-Quantum Cryptography (PQC) communication protocols utilizing CRYSTALS-Dilithium digital signatures to authenticate commands and block adversary spoofing.**
- **Developed core features such as active alert monitoring, live GPS telemetry display, and continuous sensor data synchronization.**
- **Focused on seamless integration of hardware metrics with cloud databases to provide operators with a fast, zero-trust fleet management experience.**
- **Utilized Git and GitHub for version control, code management, and project tracking.**

Tech Stack: HTML, CSS, JavaScript, ThingSpeak API, CRYSTALS-Dilithium, Git, GitHub

Music Streaming App – Full-Stack Android Platform

🔗 GitHub: <https://github.com/jangadonald-hue/MusicStreamingApp>

- **Designed and developed a comprehensive native Android application to enable users to discover, stream, and continuously manage high-quality audio libraries securely.**
- **Built the application using Kotlin and Jetpack Compose, ensuring a structured, interactive, and visually appealing mobile user interface.**
- **Implemented a scalable cloud backend architecture using Firebase Authentication and Firestore for secure credentialing and seamless data retention.**
- **Developed core features such as custom cloud-based playlist creation, Google Sign-In integration, and reliable background audio streaming execution.**
- **Focused on modern Material Design principles to create a seamless browsing experience and intuitive layout tailored for mobile devices.**
- **Utilized Git and GitHub for version control, code management, and project tracking.**

Tech Stack: Kotlin, Jetpack Compose, Firebase, Firestore, Git, GitHub

Food-Ordering Interface – Responsive Web Dashboard

🔗 GitHub: <https://github.com/jangadonald-hue/Food-ordering>

- **Designed and developed a modern web-based application interface to streamline restaurant orders and dynamically showcase digital menus.**
- **Built the application using HTML, CSS, and JavaScript, ensuring a structured, interactive, and visually appealing responsive layout.**
- **Implemented modular front-end architecture with dedicated CSS styling components to ensure perfect layout scaling across all device screen sizes.**
- **Developed core features such as intuitive food categorization, shopping cart mockups, and interactive user review components to enhance user engagement.**
- **Focused on user-centric design principles to create a visually engaging layout that prioritizes smooth interactions over complex menus.**
- **Utilized Git and GitHub for version control, code management, and project tracking.**

Tech Stack: HTML, CSS, JavaScript, Git, GitHub

HOD UI Portal – Administrative Data Dashboard

🔗 GitHub: <https://github.com/jangadonald-hue/hoduportal>

- **Designed and developed a dedicated web portal interface to enable efficient data management and student oversight specifically for Heads of Departments (HOD).**
- **Built the application using HTML and CSS, ensuring a structured, interactive, and highly professional administrative layout.**
- **Implemented modular front-end architecture to ensure the portal is easily maintainable and scalable as departmental data grows.**
- **Developed core features such as student data display grids, secure navigation panels, and interactive administrative UI components.**
- **Focused on data visibility and user-centric design principles to create an interface**

that prioritizes organizational efficiency.

- Utilized Git and GitHub for version control, code management, and project tracking.

Tech Stack: HTML, CSS, Git, GitHub

User UI Port – Standardized User Dashboard

🔗 GitHub: <https://github.com/jangadonald-hue/useruiport>

- Designed and developed a streamlined user interface portal project to provide a highly accessible user experience for institutional use cases.
- Built the application using HTML and CSS, ensuring a structured, clean, and visually coherent frontend layout.
- Implemented standardized UI components and generic styling logic to ensure consistent cross-browser compatibility.
- Developed core features such as intuitive profile navigation menus, dashboard widgets, and user-friendly interaction elements.
- Focused on accessibility and universal design principles to ensure a broadly usable interface prioritizing functionality.
- Utilized Git and GitHub for version control, code management, and project tracking.

Tech Stack: HTML, CSS, Git, GitHub

Personal Portfolio – Interactive Developer & Musician Website 🔗

GitHub: <https://github.com/jangadonald-hue/Portfolio>

- Designed and developed a fully responsive personal portfolio website to comprehensively showcase my academic projects, musical background, and engineering skills.
- Built the application using HTML, CSS, and JavaScript, ensuring a structured, interactive, and beautifully animated modern user layout.
- Implemented complex modern CSS elements including glassmorphism layouts, responsive scaling, and dynamic gradient artwork panels.
- Developed core features such as seamless screen-scrolling, mobile-responsive collapsible menus, and an interactive GitHub-linked project gallery.
- Focused on comprehensive SEO optimization and visual branding principles to create a highly professional online developer presence.
- Utilized Git and GitHub for version control, code management, and project tracking.

Tech Stack: HTML, CSS, JavaScript, Git, GitHub