

JAIDEEP DASWANI

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PROFESSIONAL SUMMARY

Motivated and innovative professional with hands-on experience as the founder of a robotics-based startup, complemented by freelance expertise in digital marketing and website development. Skilled in leading cross-functional teams, executing data-driven campaigns, and developing tech-driven solutions. Adept at combining creativity with technical knowledge to drive growth, improve user experience, and deliver impactful results.

WORK EXPERIENCE

Jaitech Robotics and Automations Private Limited, Jaipur

2023 - 2025

Startup Founder

- Founded and led a robotics startup focused on developing cost-efficient Autonomous Mobile Robots (AMRs).
- Directed cross-functional teams in hardware-software integration, including wireless camera modules, barcode analysis, real-time communication systems, and AI-driven control algorithms.

Freelance Projects, Jaipur

2020 - 2023

- Delivered end-to-end digital marketing solutions for multiple clients, including SEO, social media management, and content strategy—resulting in increased online visibility and improved lead conversion rates.
- Designed and developed responsive, SEO-optimized websites using tools like WordPress, HTML/CSS, and JavaScript, ensuring fast load times, mobile compatibility, and seamless user experience.

DigiXP Digital Marketing Institute, Jaipur

2020

Internship - 6 Months

- Managed content creation, SEO optimisation, and performance analytics, using tools like Canva, Google Analytics, and Meta Business Suite to improve brand visibility and customer interaction.
- Executed targeted digital marketing campaigns across platforms like Instagram, LinkedIn, and Google Ads.

EDUCATION

Master's of Computer Applications, JECRC University

Jaipur, 2024 - 2026

Bachelor's of Computer Applications, Poddar International College

Jaipur, 2020 - 2023

SKILLS

Languages - Object Oriented Programming using C++, Embedded C, JavaScript, TypeScript, XML, HTML, CSS

Frameworks - Node.js, Express.js, React.js, React Native

Tools - VS Code, Android Studio, Xcode, Postman, Git, Github, Docker

Database - MongoDB, SQL

Soft Skills - Leadership, Team Player, Public Speaking

PROJECTS

Epicurio - Recipe Recommendation Web and Cross Platform Application

[Github Repository](#)

Tech Stack - React.js, React Native, Node.js, Express.js, MongoDB Atlas

- Developed and deployed a cross-platform recipe recommendation system using React.js, React Native, Node.js, Express.js, and MongoDB Atlas, enabling seamless user experience across web and mobile.
- Implemented intelligent recipe recommendation logic leveraging user preferences and ingredient data, while ensuring scalable backend APIs, HuggingFace Inference API and secure authentication for multi-platform usage.

UV Based Industrial Disinfection Robot

Tech Stack - Raspberry Pi, Arduino, Embedded C

- Designed and built an autonomous UV-based industrial disinfection robot using Raspberry Pi, Arduino, and Embedded C, ensuring effective sanitisation in industrial environments.
- Integrated sensor-driven automation and real-time control systems to enhance safety, efficiency, and reliability of industrial disinfection processes.

IR Based Alert System using Google Sheets and Microcontrollers

Tech Stack - Arduino, Actuators, Google Sheets, JavaScript, Embedded C

- Developed an IR-based alert and monitoring system using Arduino, actuators, and Embedded C, enabling real-time event tracking and automated responses.
- Integrated Google Sheets with JavaScript APIs to provide live data logging, remote monitoring, and alert notifications, improving system accessibility and usability.

Animaltronics Miniature Robots - Spider (8 DOF, 20 DOF), Humanoid, Biped, Ant Robot

Tech Stack - Arduino, Bucks, Embedded C, JavaScript

- Engineered a series of bio-inspired miniature robots including Spider (8 DOF & 20 DOF), Humanoid, Biped, and Ant robots, leveraging Arduino, actuators, and Embedded C for motion control.
- Implemented multi-DOF kinematics and JavaScript-based interfaces to achieve realistic locomotion, precise control, and interactive behaviour in robotic prototypes.

ACHIEVEMENTS

Category Winner - Vishwakarma Awards by ITIC, IIT Hyderabad	2024
Patent - An IoT Based Window Opening System (202311055355)	2023
Guest Speaker at Pregrad	2023
Factory and Warehouse Automation Project Funded by iStart (2.4 Lacs)	2023
Eklavya Award for Academic Excellence by Poddar Group of Institutions for Two Consecutive years	2022 - 23

CERTIFICATIONS

Advanced Certificate Course on Robotics and Automations - RCAT Jaipur	2023
Digital Marketing 101 by CoreApps Tech, Jaipur	2020
Certificate Course on Android App Development, AIYCSM, Gujarat University	2019