

N SANJAY KUMAR

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Motivated **Full Stack Developer** and **AI Enthusiast** skilled in **Reactjs, Next.js, Node.js, TypeScript**, and **MongoDB**. Passionate about building scalable, high-performance, and user-focused web applications. Driven by clean architecture, efficient code, and seamless user experiences.

EXPERIENCE

Machine Learning Intern

September 2023

ACMEGRADE

- Worked as a Machine Learning Intern on a Plant Leaf Disease Detection System using Python, TensorFlow, and OpenCV.
- Achieved over 92% accuracy in classifying multiple plant diseases from leaf images
- Deployed the solution using Streamlit, enabling real-time disease prediction through a user-friendly web interface.

EDUCATION

St Joseph Engineering College Mangalore, Karnataka

Bachelor of Engineering in **Computer Science Engineering (CGPA: 9.43)**

Mangalore, India
2026(Expected)

Vivekananda PU College, Neharunagara, Puttur

Class XII, Secured an aggregate of **95 percentage**

Puttur, India
2020 - 2022

Vivekananda English Medium School Tenkila, Puttur

Class X, Secured an aggregate of **94 percentage**

Puttur, India
2010- 2020

PROJECTS

AI Career Guide [LIVE](#)

January 2025

- Developed a full-stack **AI-powered** career guidance platform using **Reactjs, Nextjs, and Gemini API**, providing real-time **resume** and **CV creation** and personalized **interview tips** through a conversational interface.
- Integrated **Clerk** authentication and **Inngest** for secure user management and background job processing ensuring scalable and efficient task handling.
- Designed a modern, responsive UI with **Shadcn UI** and **Tailwind CSS**, while managing data with **NeonDB** and **Prisma ORM**.

Crypto Crash Game [LIVE](#)

June 2025

- Built a real-time multiplayer backend for a Crypto Crash betting game using **Node.js, Express, WebSocket** (Socket.IO), and **MongoDB**, supporting up to **500+** concurrent users.
- Implemented a provably **fair crash algorithm** using custom seed-hash logic and live **Binance API** for real-time BTC/ETH price conversion.
- Designed secure game flow logic for bet placements, timed cashouts, and transaction validations, reducing fraud risk by **100%**.
- Structured backend with **MongoDB** models for players, rounds, and transaction history, enabling full auditability and analytics.

TECHNICAL SKILLS

Languages: C, Java, Python, HTML, CSS

Technologies: Nextjs, Reactjs, TailwindCSS, Javascript, Typescript, Supabase, MongoDB.

Development Tools: Visual Studio Code, Cursor, Google collab, Jupyter , Eclipse.

Soft Skills: Team work, Leadership, Excellent Communication