

RUDRAKSH TAYA

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PROFESSIONAL SUMMARY

Full Stack Developer skilled in architecting responsive, cloud-native web applications using React, Node.js, and MongoDB.

Adept at designing scalable RESTful APIs, securing applications with JWT, and boosting database efficiency through indexing.

Streamlined CI/CD pipelines with Docker and GitHub Actions; collaborative team player with proficiency in version control.

Solved 200+ DSA problems on LeetCode; strong foundation in OOP, OS, DBMS, and System Design.

Proven leadership in Agile environments; spearheaded hackathon-winning projects and delivered MVPs under tight deadlines.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, SQL, HTML5, CSS3

Frameworks & Libraries: React.js, Express.js, Node.js, Tailwind CSS, Socket.IO

Tools & Platforms: Git, GitHub, Docker, Postman, Cloudinary, Vercel, Builder.io, Stripe, Razorpay, CI/CD, Linux

Databases: MongoDB, MySQL (RDBMS)

CS Fundamentals: Data Structures & Algorithms, OOP, OS, DBMS, Networking, REST, JWT Auth

EDUCATION

Bachelor of Engineering in Computer Science and Engineering Aug 2022 – May 2026 (Expected)
Chitkara University, Punjab CGPA: 8.2/10

Class XII (CBSE) 2022
Percentage: 88.4%

Class X (CBSE) 2020
Percentage: 91.6%

TECHNICAL EXPERIENCE

Flex-It-Out – AI Fitness Platform (Team Lead) Feb 2025

Designed a full-stack fitness platform with real-time pose detection (OpenCV), multiplayer workouts (Twilio), and live leaderboards (Socket.IO).

Integrated Stripe for secure payments, deployed via Vercel serverless architecture, and carried out JWT-based authentication in a 4-member Agile team.

Stack: React, Node.js, MongoDB, Twilio, Socket.IO, Stripe, JWT

Art Community Platform (Full Stack Developer) Nov 2024 – Ongoing

Built a full-stack marketplace enabling artists to sell custom products, manage orders, and process payments.

Merged Cloudinary for image handling, Razorpay for transactions, and performed role-based access with JWT.

Authored 20+ REST APIs; strengthened security with session encryption and optimized performance.

Orchestrated CI/CD workflows using Docker, reducing deployment time by 40%, and rolled out services to Vercel.

Stack: MERN, Razorpay, Cloudinary, Docker, JWT, CI/CD, Vercel

Python Voice Assistant (Python Developer) Oct 2022 – Dec 2022

Created a voice-activated desktop assistant that automated 10+ daily tasks, including playing music, sending WhatsApp messages, improving task completion speed by 70%.

Stack: Python, pyttsx3, SpeechRecognition, PyWhatKit