

ADITYA

Sirsa, Haryana | +91-9785324323 | janduaditay@gmail.com | <https://www.linkedin.com/in/aditya-84278234a/> | [GitHub](#)

SUMMARY

Computer Engineering graduate with experience in full stack web and Flutter development, skilled in building scalable, user-focused web and mobile applications using React, Next.js, Node.js, and Firebase. Proficient in API integration, database management, and responsive UI design, with a strong foundation in core computer science concepts and a focus on performance optimization and clean, maintainable code.

EDUCATION

J C Bose University of Science and Technology, YMCA

Oct 2022 - Jun 2026

B.Tech., Computer Engineering with specialization in Data Science

- GPA: 8.03/10

Gramin Pragti Sr. Sec. School

Apr 2020 - Mar 2021

12th

TECHNICAL SKILLS

- **Languages:** C++, JavaScript, TypeScript, Java, SQL, Dart, Python
- **Core Concepts:** DBMS, OOP, Clean Architecture, Data Structures & Algorithms, Operating Systems, Computer Networks, Cloud Computing
- **Tools:** Git/GitHub, VS Code, Jupyter Notebook, Postman, Google Colab, Docker, CI/CD
- **Frameworks & Libraries:** Flutter, SwiftUI, Next.js, React.js, Tailwind CSS
- **Backend & APIs:** Node.js, Express.js, REST APIs, Authentication, Webhooks, Firebase Cloud Functions, Event-Driven Architecture
- **Databases:** MongoDB, Firebase, PostgreSQL, MySQL, Supabase
- **ML & Data:** Machine Learning, Natural Language Processing, Model Training & Evaluation, PyTorch, Numpy, Pandas

EXPERIENCE

Pratinik Infotech

Aug 2025 - Sep 2025

Machine Learning & NLP Intern

- Developed and optimized Python-based analytical models, focusing on data preprocessing and computational efficiency.
- Achieved 85%+ accuracy through rigorous feature engineering and system optimization techniques.
- Collaborated in a Linux-based environment utilizing Git repositories to integrate complex models into production workflows, improving routing efficiency and overall system reliability.

Brother's Group

Feb 2025 - Aug 2025

Flutter Developer Intern

- Engineered scalable database architecture using PostgreSQL, ensuring efficient access control and secure data storage.
- Debugged complex system issues, optimized database queries for lower latency, and improved overall application reliability.
- Built and maintained automated workflows for managing user activity, demonstrating an understanding of system integration and process automation.

PROJECTS

Prep.ai – AI-powered Interview & Collaboration Platform | <https://prep-ai-peach.vercel.app>

- **Tech Stack:** Next.js, Node.js, PostgreSQL, OpenAI API, GetStream.io, tRPC, BetterAuth, Drizzle ORM
- Architected a scalable full-stack system facilitating real-time technical interviews with live code execution environments.
- Designed a normalized PostgreSQL database schema, ensuring ACID compliance, transactional data integrity, and efficient memory utilization for complex user profiles.
- Implemented secure authentication and Role-Based Access Control (RBAC) to protect sensitive data and manage distinct environment permissions.

Detect It – Real-Time Processing & Analysis Engine | https://github.com/AdityaJandu/Detect_It

- **Tech Stack:** Flutter, Python, TensorFlow, Firebase
- Built a highly optimized custom Python backend to handle real-time data analysis and computational workloads.
- Developed a RESTful API using FastAPI to serve model predictions, effectively bridging the gap between client requests and heavy backend processing.
- Trained and deployed complex models, focusing on optimizing inference accuracy and processing speed for user-uploaded data.

TalkSpace - Real-Time Messaging Platform | <https://github.com/AdityaJandu/TalkSpace>

- **Tech Stack:** Flutter, Dart, Firebase (Firestore, Auth), Cloud Functions
- Engineered a low-latency, event-driven data synchronization system to handle highly concurrent client requests and manage real-time state across distributed nodes.
- Optimized database indexing rules and engineered secure access control mechanisms to manage concurrent read/write operations while ensuring strict data integrity.
- Designed and deployed automated, server-side workflows using Cloud Functions to handle background state synchronization and event logging without dedicated server overhead.

LEADERSHIP & ACHIEVEMENTS

- **Team Lead, Pixel Era:** Led a 4-member team in building a fintech product during a hackathon, managing development, task delegation, and final project delivery.
- Ranked in the **Top 100 – Build With India Hackathon by Google**, competing among high-performing student teams nationwide.
- **Problem Solving:** Solved over **450+ DSA problems** on LeetCode and GFG.
- Core Member at Microbird, YMCA's largest tech society, mentoring peers in app development and contributing to technical initiatives.