# Tanmay Nayak

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## Skills

**Languages**: Python, Dart
**Frameworks**: Flutter, Material Design, Cupertino,
**Database**: Firebase Firestore, SQLite, SharedPreferences, MongoDB
**State Management**: Getx, Provider, setState
**APIs**: RESTful APIs, HTTP Requests, Firebase Authentication, JWT Authentication (Learning)
**Developer Tools**: Jupyter Notebook, VS Code, Git, GitHub, Firebase, Android Studio, Xcode, Figma, Jira

## Experience

**Flutter Developer Intern**, Cubixso                                                    Sept 2024 – Dec 2024

- Designed complete UI/UX architecture for mental health mobile application using Figma, creating user-centered interface designs and interactive prototypes
- Implemented Firebase Authentication system with secure user registration, login, and session management with GetX for mental health app users
- Developed real-time chat interface enabling secure communication between users and mental health professionals

## Education

**Thakur College of Engineering & Technology**                                          2022 – 2026
*B.Tech in Artificial Intelligence and Data Science*

- GPA: 8.18

**Swami Vivekanand International School & Jr College, Mumbai**                           2020 – 2022
*HSC*

- Percentage: 65.50%

## Projects

**Tiled | GitHub**                                                              Flutter, Dart, GetX

- Developed gallery organizer app with infinite nested folder architecture, enabling users to create custom hierarchical organization systems for photo management
- Implemented dynamic file system navigation with GetX state management
- Built responsive Material Design interface with custom UI components for seamless folder creation, image previews, and efficient search capabilities across nested directories

**HomeStock - Pantry Management App | GitHub**                              Flutter, Dart, GetX, SQLite

- Developed mobile application for pantry management to help users food inventory and expired items efficiently
- Implemented home dashboard, shopping cart functionality, user profile section, and dedicated expired/finished items tracking with GetX state management for reactive UI updates and SQLite for robust local data persistence

**Quizzler - Personalized Learning Platform| GitHub | Link**          Flutter, Dart, GetX, SQLite, Data Analytics

- Developed personalized learning platform for engineers with adaptive quiz system
- Built data analytics engine with intelligent question selection algorithm that analyzes performance patterns, identifies learning gaps, and delivers personalized remedial content combined with new topics

**DefaultX - Credit Risk Prediction System**                        Flutter, Dart, Python, TensorFlow, SQLite

- Developing desktop application using Flutter for cross-platform credit default prediction system
- Building deep neural network model to analyze financial data and predict customer default probability