Prabhat Jana

Kolkata, India

📱 +91-9800297679 — ✉ itsmeprabhatjana@gmail.com — in Prabhat Jana — ⌂ iamthetwodigiter

Summary

Aspiring Software Engineer with 1+ year of experience building cross-platform mobile apps using Flutter, Dart, and REST APIs. Proven track record in development teams, mentoring juniors, and delivering scalable apps with 500+ downloads. Passionate about clean architecture, automation, and open-source contributions.

Skills

- **Languages:** Dart, Python, Java, C
- **Frameworks & Libraries:** Flutter, Flask, FastAPI, Riverpod, Provider, RESTful APIs
- **Tools & DevOps:** Git, GitHub, GitHub Actions, Docker, VS Code, Android Studio, Postman
- **Cloud & Deployment:** Firebase (Auth, Firestore), Vercel, Netlify
- **Database & Storage:** Hive, Firebase Firestore
- **Other:** API Integration, OOP, Asynchronous Programming, OAuth 2.0, JWT Authentication, Clean Architecture

Education

Meghnad Saha Institute of Technology, Kolkata *2022 - 2026*
B.Tech in Information Technology CGPA: **7.84**
Relevant Coursework: Data Structures, Algorithms, OS, Computer Architecture

Projects

Melodia *Jul 2024 - Present*
Flutter, Dart, YouTube API, REST API, Hive, Riverpod ⌂ GitHub **640+ Downloads**

- Developed a full-featured cross-platform music streaming app for Android and iOS with responsive UI
- Integrated YouTube and custom server streaming with offline caching and Hive local storage
- Implemented lyrics display, playback queue, swipe-to-refresh, and dynamic theming
- Utilized Riverpod for efficient state management, ensuring modular and scalable code

Megatronix *Mar 2025 - Apr 2025*
Flutter, Dart, REST API, Riverpod ⌂ GitHub **500+ Downloads**

- Built a cross-platform mobile app for Android and web using Flutter 3.27.3
- Designed modular architecture with presentation-domain-data separation
- Integrated real-time event registration, role-based authentication (JWT), and push notifications
- Achieved 40% faster load times with asset optimization and lazy loading
- Launched an Among Us-themed UI variant with custom fonts and mascot animations

FlutterFlowForge – Developer CLI Tool *May 2025*
Dart, CLI pub.dev ⌂ GitHub

- Created a CLI tool to automate Flutter build pipelines with single-command deployment
- Reduced post-development build, rename, and deploy time by over 60%

Experience

Mobile App Developer — Megatronix – MSIT *Aug 2023 - Present*

- Led the design and development of mobile apps for Megatronix Club and Paridhi 2025 event
- Collaborated with UI/UX designers to create material-compliant, accessible interfaces

Awards & Achievements

- **1st Place** – Competitive Coding, TechXtra 2023 (MSIT)
- **1st Place** – Competitive Coding, Paridhi 2023 (MSIT)
- **3rd Place** – Campus Solution Challenge Hackathon 2025 (TINT) – Built student management system in 6 hours
- **1st Place** – 360 CodeCraft Hackathon 2025 (IEM) – Developed AI-based education platform in 40 hours

Additional Skills

- **Mobile Development:** Flutter, clean architectures, adaptive UI, RESTful APIs
- **Automation:** Python scripting, CLI tools, GitHub Actions
- **Interests:** Open-source contributions, hackathons, UI design, developer tools
- **Languages:** English (fluent), Hindi (native), Bengali (native)