Suman Kumar Poudyal



Senior App Engineer (Flutter)
Nationality: Indian | **Visa:** Requires visa sponsorship
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PROFESSIONAL SUMMARY

Senior App Engineer with 6+ years of experience building and scaling mobile applications using Flutter and Dart. Strong background in the e-commerce sector, focusing on UI/UX optimization, complex frontend logic, and performance tuning (smooth 60fps). Experienced in working closely with cross-functional teams to deliver high-leverage features that drive conversion and improve user experience. Willing to relocate for Hybrid roles in Hamburg/Berlin

TECHNICAL SKILLS

- **Frontend & App Dev:** Flutter, Dart, complex frontend logic, Android (Kotlin), iOS (Swift), UI/Animations, Navigator 2.0(GoRouter), design-to-code implementation (Figma) .
- **Architecture & State**: BLOC, Provider, Riverpod, GetX, Clean Architecture, SOLID, OOP.
- **Backend Integration:** gRPC/GO integration, REST APIs, GraphQL, AWS (Lambda, DynamoDB), Firebase, secure SSO, Payment Gateways (Stripe, Razorpay).
- **Testing & Ops:** Unit/Widget/Integration Testing, CI/CD pipelines, Crashlytics, Play Store & App Store releases.

PROFESSIONAL EXPERIENCE

Flutter Developer | 06/2024 - Present UTAH TECH LABS | USA - Remote

- Architected scalable Flutter app structures using Clean Architecture and BLoC to manage complex frontend logic, maintaining a 99% crash-free rate across all production releases.
- Integrated Flutter with Go-based backend services via gRPC for low-latency, high-performance communication; leveraged AI tooling to cut boilerplate by 20%.
- Partnered with designers to implement pixel-accurate UI components and micro-animations, translating Figma specs into production widgets with zero design-debt handoff.
- Drove agile retrospectives with product managers, QA, and designers to define acceptance criteria and ship components that meet stakeholder requirements; mentored junior developers through code reviews.

Flutter Developer | 01/2022 - 05/2024 ASEZTAK | Kolkata

- Led end-to-end frontend development of a high-traffic e-commerce platform from secure onboarding through cart checkout achieving a ~18% improvement in add-to-cart engagement across 1,000+ SKU catalogues through scroll and rendering optimisation.
- Built a complex loyalty points engine using Dart async programming and BLoC, integrating REST APIs and local caching to cut data load times by 30%.
- Owned the full feature lifecycle, communicating transparently with stakeholders to validate acceptance criteria and resolve non-standard architectural problems at each stage.

Freelancer | 08/2020 – 12/2021 Siliguri, India

- Delivered custom Flutter apps for local retail and service businesses, reducing client onboarding time by an average of 3 days through digitised product catalogues and self-service checkout flows.
- Integrated secure REST APIs and lightweight state management across all projects, achieving sub-2s load times on mid-range Android devices, enabling clients to compete with established e-commerce platforms.

PROJECTS & HACKATHONS

- **Aseztak (E-Commerce Platform):** Built a complete e-commerce application using Clean Architecture and BLoC. Delivered secure REST API integration for authentication and payments. Published successfully to Play Store and App Store. *Link*
- **Airia AI Agents Hackathon (Prize Winner):** Built a project using generative AI and multi-agent systems to automate tasks and solve problems. *Demo*
- **AI for Bharat Hackathon:** My idea for a local retail pricing AI was selected for the event, where I successfully built a functional prototype using the Antigravity IDE, AWS Bedrock, and DynamoDB. *Demo*
- **Aero Lounge (Aviation Marketplace):** Built a scalable app using Clean Architecture and BLOC to manage pilot workflows and flight logs. Connected REST APIs and real-time data to automate tasks.

Portfolio with additional projects - Click here, Devpost Link - Click here

EDUCATION

Bachelor's in Computer Applications | *Aug 2020*
Siliguri Institute of Technology | Kolkata, India

ADDITIONAL INFORMATION

- **Seminars & Community:** Google Developer Group Build with AI 2024, Google Developer Group Devfest 2023, 2022; Google I/O Extended 2023.
- **Languages:** English (Fluent), Deutsch (A1, targeting B1 by 2026).