

# Sujan Baskota

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## SUMMARY

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Fullstack mobile and web developer with 1+ year of professional experience building production applications and automation workflows. Proven track record architecting React Native apps serving 60,000+ users, implementing LLM integrations, and developing backend automation with Node.js and Python on GCP. Experienced in maintaining and optimizing existing cloud infrastructure, designing secure APIs, and building scalable event-driven systems. Comfortable working independently and making technical decisions in fast-paced environments.

## EXPERIENCE

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### Associate Fullstack Developer

Jan 2025 – Present

*Panthos Cloud Consulting*

*Remote*

- Co-Architected and deployed Masha Muslim Marriage & Nikah app using React Native and Expo, serving 60,000+ registered users
- Built admin web portal from scratch using React, enabling real-time user management and analytics dashboard
- Integrated on-device edge ML models for content localization and Firebase Authentication with RevenueCat for in-app purchase management
- Designed and implemented automated maintenance scripts using Cloud Scheduler and Cloud Functions, eliminating manual intervention for routine database cleanup and notification delivery
- Integrated RevenueCat for cross-platform in-app purchases (subscriptions and one-time products) and managed Google Play Console product catalog, ensuring seamless billing across Android and iOS.
- Owned full Google Play release cycle: staged roll-outs from internal → production, version-code bumping, track promotion, and emergency halt/pause when crashes spiked
- Maintained and optimized existing company projects by migrating production databases from Cloud SQL to Firestore, improving query performance and reducing infrastructure costs by
- Configured monitoring pipeline with Cloud Logging and Log Explorer using LQL for real-time error tracking and delivery metrics analysis
- Helped set up Firebase Crashlytics monitoring and resolved production issues under supervision, improving app stability score from 92% to 97%

### Junior Fullstack Developer

Oct 2024 – Dec 2024

*Panthos Cloud Consulting*

*Remote*

- Collaborated on mobile app feature development using React Native and Expo with Firebase backend integration
- Assisted in building event-driven backend services using Cloud Functions and Node.js for automated email and push notification delivery
- Contributed to Firebase Cloud Messaging (FCM) integration with SendGrid for multi-channel communication, achieving 95% delivery rate
- Supported Firestore data model optimization and indexing strategies, reducing read costs across high-traffic collections

### Freelance Developer

Feb 2024 – Sep 2024

*Various Clients*

*Remote*

- Developed Leoclub Pulchowk Campus website backend using Node.js and Express with Editor.js integration for dynamic content management
- Implemented automated Cloudinary image optimization and temp directory cleanup, reducing storage costs
- Built production tracking dashboard for mango farm client using Next.js, TypeScript, Express, and MongoDB with real-time data visualization
- Developed Discord bot using Discord.js for server automation and moderation tasks, enhancing community engagement

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, Python, Node.js, C++

**Mobile & Web:** React Native, Expo, React, Next.js, TailwindCSS, HTML/CSS

**Cloud & Infrastructure:** Google Cloud Platform (Cloud Functions, Cloud Run, App Engine, Cloud Scheduler), Firebase (Auth, Firestore, FCM, Crashlytics), Cloud SQL, BigQuery, Looker Studio, GCS, RTDB

**Backend & APIs:** Express, FastAPI, REST APIs, Webhooks, SendGrid, RevenueCat, Editor.js

**Automation & Tools:** Puppeteer, Git, Docker, Postman

## HOBBY PROJECTS

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**Hustle** | *React Native, Express, MongoDB, OpenStreetMap* Dec 2023 – Present

- Built native mobile app for gig economy marketplace with location tracking and OAuth authentication
- Integrated OpenStreetMap API for real-time navigation and geolocation services

**Automated ChatGPT Scraper** | *Python, Puppeteer, LLM Integration* Mar 2024

- Engineered automated scraping pipeline for batch processing of questions with context preservation across chapters

## OTHER PROJECTS

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**AI-Augmented Vulnerability Scanner** | *OWASP ZAP, Node.js, Python* Ongoing

- College project developing SAST/DAST security automation tool using OWASP ZAP Node client for vulnerability scanning of SPAs

**Web Scrapers** | *Puppeteer, Node.js* 2023 – Present

- Developed automated data extraction pipelines for NEPSE, Daraz, and Hamrobazar platforms

## EDUCATION

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**IOE Pulchowk Campus** Lalitpur, Nepal  
*Bachelor of Engineering in Computer Engineering* Apr 2022 – Present

## CERTIFICATIONS

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**Developing Secure Software** – The Linux Foundation, Aug 2025

**Containerization and Orchestration with Docker Ecosystem** – Udemy, Jun 2024

**AI For JavaScript Developers (OpenAI, Embeddings, Vercel AI)** – Udemy, Dec 2023

## VOLUNTEERING

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**Locus (IOE Pulchowk)** Jul 2023 – Dec 2024  
*Software Team Member, Web Developer, Software Fellowship Instructor*

**IT Club (IOE Pulchowk)** Jul 2024  
*Git and GitHub Workshop Instructor*

**IEEE Computer Society (IOE Pulchowk)** Feb 2025  
*Web Scraping and Automation Instructor*