

ANIKET JHA

PYTHON DEVELOPER

CONTACT

New Delhi, India
(123) 456-7890
jhainaparadise@gmail.com
[GitHub](#) → [devaniketjha](#)
[LinkedIn](#) → [jha-aniket](#)
[Portfolio site](#)

TECHNICAL SKILLS

Languages

Python, Kotlin

Backend

Flask, Jinja2, REST APIs

Frontend

HTML5, CSS3, JavaScript,
Tailwind CSS, Bootstrap

Mobile & Desktop

Android SDK, Kivy / KivyMD

Cloud & Data

Firebase Auth, Firebase
Realtime DB, SQL

Visualization

Streamlit, Pandas, Chart.js

Other

LaTeX/TikZ, Git, SMTP
automation,
UPI/Visa/Mastercard payment
integration

EDUCATION

Bachelor of Arts

Mathematics, Economics,
Geography
DAV PG College, Dehradun
HNB Garhwal University · 2015

Google Data Analytics

Professional Certificate · In
Progress

CURRENTLY

Polishing English Master Pro for
a wider public launch, and
preparing to formalize Fiat Lux
Classes into an online teaching
channel.

Also: photo editing, video editing

Self-Taught Full-Stack Developer

Web · Android · Desktop · Independent Educator

SUMMARY

Self-taught Python developer with a multi-year track record of independently designing, building, and deploying full-stack web applications, an Android app, and a desktop application — entirely outside a formal CS background. Strongest work includes English Master Pro, a production educational SaaS platform with authentication, subscription billing, and a 150,000+ question content database, and the Jiffy ecosystem, a four-generation productivity suite with real-time cross-platform sync between Android and the web. Combines this with several years of independent teaching experience, including running a self-built private coaching practice. Currently building toward a more structured, public-facing version of that work.

FEATURED PROJECTS

English Master Pro · 2025 – Present

Python · Flask · SQL · Firebase Authentication · Firebase Realtime Database

- ▶ Built a production educational web platform covering vocabulary and grammar learning, with a content database of 4,800+ words, 100,000+ vocabulary questions, and 50,000+ grammar questions.
- ▶ Designed a subscription and payment system supporting monthly through annual billing cycles, with UPI, Visa, and Mastercard payment processing tied to automated access control.
- ▶ Implemented three-tier role-based access control (Admin, Maintainer, User), including moderation dashboards and a dedicated content-audit tool for reviewing flagged questions.
- ▶ Built timed examination and practice-drill modules with configurable difficulty and duration, plus revision modes driven by user progress and saved favorites.

[Live site](#) [GitHub](#) [Demo video](#)

Jiffy Pro — Time Logging & Analytics Ecosystem (Gen IV) · 2025 – 2026

Python · Flask · Vanilla JavaScript · Tailwind CSS · Chart.js · Firebase

- ▶ Architected a real-time, two-way sync engine between this web app and a companion Android app, using a shared Firebase session node so a session started on one platform can be monitored or stopped from the other.
- ▶ Built an offline-resilient state management layer that gracefully handles dropped connections and prevents race conditions during session teardown.
- ▶ Developed an analytics dashboard using Chart.js with stale-while-revalidate caching for instant load times, including a custom algorithm to proportionally split time-tracking sessions that cross midnight across calendar days.
- ▶ Built a separate, locally-run admin console using the Firebase Admin SDK for database backups and account clean-up, isolated from the public-facing app for security.

[Live site](#) [Demo video](#)

Jiffy — Android Time Logger & Streak Tracker (Gen III) · 2023 – 2024

Kotlin · Android SDK · Firebase Authentication · Firebase Realtime Database

- ▶ Built a native Android app for logging productive activities and tracking habit streaks, with secure authentication, real-time cloud sync, and a data layer designed to integrate with a desktop companion app and a Streamlit analytics dashboard.

[Demo video](#)

The Mathematics Compendium · 2024 – 2025

LaTeX · TikZ · GeoGebra

- ▶ Authored and typeset a 1,500+ page mathematics reference text spanning algebra, geometry, trigonometry, probability, and statistics, with custom

diagrams, a fully solved problem bank, and a reusable LaTeX document architecture built to maintain consistency across a large, long-term self-publishing project.

[Demo video](#)

OTHER PROJECTS

- ▶ **New Portfolio Website** (2026) — Flask, custom JSON-driven CMS, glassmorphism UI [\[link\]](#)
- ▶ **Streamlit Time Visualizer** (2023) — Python, Streamlit, Pandas, Firebase
- ▶ **Jiffy Desktop (Gen II)** (2022 – 2023) — Python, KivyMD, Firebase, packaged as a Windows executable
- ▶ **Jiffy for Web (Gen I)** (2021 – 2022) — Flask, Bootstrap, Firebase [\[link\]](#)
- ▶ **Modern Flask Portfolio (earlier version)** (2020) — Flask, Bootstrap, automated email notifications [\[link\]](#)
- ▶ **Projection — Product Landing Page** (2019 – 2020) — HTML, CSS, JavaScript, responsive design [\[link\]](#)

INDEPENDENT TEACHING EXPERIENCE

Founder & Instructor — Fiat Lux Classes · 2015 – Present

Independent, home-based coaching practice · Dehradun

- ▶ Founded and have independently run a private tutoring practice for over a decade, teaching Mathematics and English to a consistent base of 15–20 students.
- ▶ Manage the full lifecycle of the practice solo: curriculum design, scheduling, student progress tracking, and parent communication.
- ▶ Currently working to formalize and expand the practice, including plans to launch an online teaching channel.