Naman Mishra

📍 New Delhi, India | 📧 namanmishraec1045@gmail.com | 🔢 +91-7720897914 | 🔗 LinkedIn
GitHub
Portfolio

Full Stack Developer specializing in secure, cloud-native web & mobile applications using **Flutter**, **Python**, and **Google Cloud**. **5+ years** of experience building scalable, data-driven platforms with a focus on clean architecture, user privacy, and real-world impact.

Professional Experience

IT Manager

EdCIL (India) Ltd. - New Delhi, India
Oct 2025 – Present

- Leading IT strategy and infrastructure for enterprise-grade digital initiatives.
- Overseeing cloud migration, security compliance, and cross-functional engineering teams.

Project Engineer

Centre for Development of Advanced Computing (C-DAC), Pune
Dec 2024 – Oct 2025

- Developed and deployed secure, high-throughput data processing systems on cloud infrastructure.
- Collaborated with government stakeholders on mission-critical digital transformation projects.

Software Engineer

iTechnolabs Pvt. Ltd. - Mohali, India
Dec 2023 – Dec 2024

- Built full-stack Flutter and Python applications for international clients across healthcare and e-commerce domains.

- Integrated CI/CD pipelines and implemented robust testing frameworks to ensure code quality.

Project Engineer

C-DAC Mohali

Feb 2023 – Dec 2023

- Engineered mobile and web solutions for public-sector digital services.
- Focused on performance optimization, offline-first design, and accessibility compliance.

Junior Software Engineer

GRL Technologies

May 2020 – Jul 2021

- Automated web data extraction and analytics workflows using **Python** (`BeautifulSoup`, `Pandas`).
- Developed reusable internal tools for scraping, data validation, and reporting in **Python and Java**, improving team productivity by reducing manual effort.

Featured Projects

◆ Doraemon Flappy Bird – HTML5 Canvas Game

- Built a **fully responsive**, mobile-friendly Flappy Bird clone using **vanilla JavaScript and HTML5 Canvas**-zero frameworks.
- Implemented a **60 FPS game loop**, physics-based flight, collision detection, and multi-input support (touch, mouse, keyboard).
- Designed modular architecture (`Game`, `Player`, `Pipe`, `InputHandler`) and adaptive UI with hidden controls on small screens.
- Deployed via GitHub Pages with offline support.
- Live Demo | Source Code

◆ PDF Generation & Document Automation System

- Designed a **serverless pipeline on Google Cloud** that processes **1M+ personalized PDFs in under 50 minutes** for physical mail campaigns.

- Leveraged Cloud Functions, Pub/Sub, and Firestore for scalable, cost-efficient document rendering.

◆ Android Health Monitoring App (ContextMonitoring)

- Built a **native Android app in just 3 days** using Kotlin and Jetpack Compose-despite zero prior experience-to meet a hard client deadline.
- Captures **multimodal health data**: heart rate (via facial video analysis), respiratory audio, and symptom logs-all stored **100% locally** for privacy.

◆ Face Analyzer

- Developed a deep learning model to estimate **age, gender, race, and skin tone** from facial images for a virtual trial room application.
- Integrated TensorFlow Lite for on-device inference with minimal latency.

◆ IOC Intel Tools

- Created a **Linux-based network reconnaissance toolkit** that extracts IPs/domains from local devices and outputs **SIEM-ready JSON** for threat intelligence workflows.

◆ Improved – VS Code Theme

- Published an **accessible, color-blind-friendly syntax theme** to reduce eye strain and improve developer ergonomics.

Technical Skills

- **Languages**: Python, Dart, JavaScript, TypeScript, Kotlin, Java, SQL
- **Frontend**: Flutter, React, **Vanilla JavaScript**, **HTML5/CSS3**, Jetpack Compose
- **Backend**: FastAPI, Firebase, Node.js
- **Cloud**: Google Cloud Platform (Cloud Functions, Firestore, Pub/Sub, IAM), Firebase
- **Mobile**: Flutter (cross-platform), Android (Kotlin)
- **Security**: OAuth2, JWT, data encryption, secure local storage, privacy-by-design
- **Data**: Pandas, BeautifulSoup, TensorFlow Lite, JSON/CSV processing
- **Databases**: Firestore, PostgreSQL, SQLite
- **DevOps**: GitHub Actions, Docker, CI/CD pipelines

Availability

Currently employed full-time but **open to selective freelance or remote collaboration** on impactful, technically challenging projects.

> Let's build something great together! 🚀
>
> **Portfolio**: https://my-portfolio-16538326-a5476.web.app/