

# Naman Mishra

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## Professional Summary

Full Stack Developer with 5+ years of experience in building scalable, cloud-native web and mobile applications. Proficient in frontend development (Angular, Ionic, MEAN), backend APIs (FastAPI, Django, Flask), and mobile apps (Flutter, Ionic with Capacitor). Experienced in Google Cloud (Cloud Run, Functions, BigQuery), RESTful APIs, and serverless architectures. Strong focus on secure coding, code quality (MobSF, SonarQube), and data analytics using Pandas and GeoPandas. Passionate about delivering robust, end-to-end solutions that optimize performance and business value.

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## Experience

### IT Manager

#### EdCIL (India) Ltd.

07 Oct 2025 - Present

- Started improving data analysis pipelines while reducing redundancies by 20% during my second week of joining.

### Project Engineer

#### CDAC, Pune

26 Dec 2024 - 06 Oct 2025

- Developed hybrid mobile applications using **Ionic Framework** for PMGSY-related modules such as **field surveys, inspections, and citizen feedback**, enabling real-time data collection and geo-tagging for rural infrastructure projects.
- Focused on frontend UI/UX and offline-first design with device-native integrations (camera, GPS) using Ionic Capacitor.

- Performed mobile application security analysis using **MobSF** to ensure compliance with security best practices for Android/iOS builds.
- Used **SonarQube** to conduct static code analysis and maintain code quality, resolving vulnerabilities and code smells proactively in Ionic apps.

## Software Engineer

### **iTechnolabs Pvt. Ltd., Mohali**

*04 Dec 2023 – 02 Dec 2024*

- Built serverless document automation pipelines processing over 1 million personalized PDFs using Python and GCP services (Cloud Functions, BigQuery, Cloud Storage)
- Implemented document tracking systems with Data Matrix codes for logistics accuracy
- Collaborated with non-technical stakeholders to align technical solutions with business goals
- Deployed microservices and APIs on Google Cloud Run and Cloud Functions to achieve efficient, serverless architectures
- Managed cloud storage workflows and data pipelines involving BigQuery and Cloud Storage

## Project Engineer

### **C-DAC Mohali**

*10 Feb 2023 – 01 Dec 2023*

- Full stack development of SIEM platforms using MEAN stack and Python backend services
- Enhanced real-time threat intelligence dashboards and data ingestion pipelines

## Project Associate / Project Engineer

### **CDAC, Chennai**

*08 Sept 2021 – 30 Jan 2023*

- Developed cross-platform mobile apps using Flutter with offline-first architecture for enhanced usability
- Automated desktop UI workflows and backend data processing in Python

## Junior Software Engineer

### **GRL Technologies**

*1st May 2020 – 31st Jul 2021*

- Automated web data extraction and analytics scripts using Python (BeautifulSoup, Pandas).
- Built reusable scraping and automation tools in Python and Java

# Projects

## PDF Generation & Document Automation System

- Engineered a **serverless pipeline on Google Cloud** (Cloud Functions, BigQuery, Cloud Storage) that processes **1M+ personalized PDFs in under 50 minutes** for physical mail campaigns.
- Integrated **Data Matrix barcodes** for automated logistics tracking and mail sorting.
- Exposed functionality via **Flask REST APIs**, containerized with Docker for scalable deployment.

## Blockchain Wallet (GoPay)

- Built a full-stack Ethereum wallet supporting **wallet creation, import, balance checks, and transaction signing** on the Sepolia testnet.
- **Backend**: Node.js + Express + Prisma ORM (PostgreSQL), secured with JWT authentication and Ethers.js for on-chain interactions.
- **Frontend**: Flutter mobile app with secure key handling.
- Developed as a technical deep-dive to demystify web3 wallet architecture and cryptographic workflows.

## Sadja Progress Stepper – [pub.dev](https://pub.dev)

- Published a **customizable, scrollable Flutter stepper widget** supporting both linear and non-linear navigation.
- Features dynamic step coloring, icon support, and responsive overflow handling—used in production apps for multi-step forms.
- Open-source under MIT License; available to the global Flutter community.

## Face Analyzer

- Developed a deep learning-based analyzer to estimate **age, gender, race, and skin tone** from facial images.
- Designed as the core engine for a **virtual trial room application**, enabling personalized avatar generation and apparel recommendations.

## IOC Intel Tools

- Created a suite of **Linux-based network reconnaissance scripts** to monitor devices connected to a local router.
- Automatically extracts **IPs, domains, and behavioral indicators**, outputting structured **JSON for SIEM ingestion**—enhancing local threat visibility in security operations.

## Improved – VS Code Theme – [Marketplace](#)

- Designed an **accessible, color-blind-friendly syntax theme** to reduce eye strain and improve readability.
  - Addresses contrast and hue issues in default themes; published publicly to support inclusive developer experiences.
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## Skills

- **Languages & Frameworks:** Python, JavaScript, Dart, PHP
  - **Frontend:** Angular, jQuery
  - **Backend:** Django, Express.js, Flask, FastAPI
  - **APIs:** RESTful API, XMLRPC, OpenAPI/Swagger, JSON, XML
  - **Databases:** RDBMS (PostgreSQL, MySQL, SQLite, MSSQL), NoSQL (MongoDB), SQL Joins, Indexing, Query Optimization
  - **Mobile Development:** Flutter (cross-platform apps with offline-first design), Ionic (hybrid apps), Offline-first design, Capacitor, Native device APIs (Camera, GPS, Storage)
  - **Data & Analytics:** Pandas, GeoPandas, Web Scraping (BeautifulSoup), Selenium, Data Pipelines, ETL concepts
  - **Cloud & DevOps:** Google Cloud Platform (Cloud Run, Cloud Functions, Cloud Storage, BigQuery), Serverless Architectures, Docker, Containerization, Cloud Functions, API Gateway
  - **Deployment & Integration:** Experience deploying on cloud platforms with serverless compute (Google Cloud, with transferable knowledge to AWS ECS, Lambda)
  - **Code Quality & Security:** MobSF, SonarQube, Static Code Analysis, OWASP Mobile Top 10 (familiarity), Secure Mobile Development Practices
  - **Other Tools:** Git, Workflow Automation, Microservices, Document Automation, Unit & Automation Testing, Agile, SDLC
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## Education

### **Bachelor of Technology (B.Tech), Electronics and Communication**

United College of Engineering and Research, Allahabad

Aug 2013 – Jul 2017

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## Languages

- Hindi (Native/Bilingual)

- English (Fluent)
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## **Additional**

- Familiar with Agile methodologies and cross-functional team collaboration
- Quick to learn new technologies and adapt to evolving business needs
- Interested in financial technology and data-driven platforms