Manu Singh

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Summary

Full-stack developer with a strong **backend focus**, experienced in building **production-grade applications** using **Django**, **DRF**, **Celery**, and **Redis**. Proficient in developing **secure APIs**, automating **background tasks**, and integrating **third-party services**. Adept at writing **clean, maintainable code** and collaborating on **scalable, real-world projects**.

Education

B.P. Poddar Institute of Management and Technology (BPPIMT)   Sep. 2022 – May 2026
B.Tech in Information Technology   *Kolkata, WB*

Experience

UI/UX Designer Intern   Dec. 2024 – Jan. 2025
INA Webtech   *Virtual*
- Built an **interactive web interface** for a study abroad platform with **90%+ positive feedback**.
- Designed **10+ high-fidelity prototypes** and UI flows in **Figma**.
- Created a **responsive admin dashboard** reducing management time by **30%**.
- Collaborated with developers to implement **reusable design systems**, boosting engagement by **40%**.

Projects

Smart Backend with Bot Integration | *DRF, Celery, Redis, Telegram Bot, SQLite* ***GitHub***   May–Jun 2025
- Built a secure REST API with **Django REST Framework** and **token-based authentication**.
- Handled asynchronous email confirmations using **Celery** with **Redis**.
- Integrated **Telegram Bot API** to capture usernames from '/start' commands.
- Structured the project with **modular components** and **job tracking system**.

Eco Park Ticket Booking System | *Python, Django, Razorpay API, SQLite* ***Live***   Mar–Apr 2025
- Developed a web application with **Razorpay integration** for real-time payments.
- Enabled **QR code ticket verification**, reducing fraud by **60%** and wait time by **70%**.
- Optimized for **mobile devices**, leading to **40% increase** in mobile-based bookings.

E-Commerce UI/UX Design | *Figma, UI/UX Principles* ***Design***   Aug–Oct 2024
- Designed complete **e-commerce flows** including cart, checkout, and profile.
- Built **10+ interactive prototypes** and improved clarity by **30%** through user testing.

Technical Skills

Languages: Python, C++, C, HTML, CSS, JavaScript, SQL

Tools: Celery, Redis, Bootstrap, GitHub, Postman, Figma

Frameworks: React,Django, Dango Rest Framework

Certifications

Python Django Essentials   Jun. 2025
Infosys Springboard   *Online*
- Completed **20+ modules** covering **Django models**, **views**, **templates**, and **admin panel**.

Problem Solving & Coding Practice

LeetCode, GFG, HackerRank, CodeChef   2022 – Present
                                                                                                                                    Online

- Solved **300+ problems** to improve **DSA proficiency**, **logic**, and **coding speed**.
- Active in **coding contests** and **weekly challenges**.

Leadership & Extracurricular

UI/UX Contest Finalist   2024
Calcutta University   *Kolkata*
- Won **2nd place** among **10+ teams** for an innovative e-commerce design in **Figma**.

IT Cricket Team Captain   2023 – 2025
BPPIMT   *Kolkata*
- Led team to **1st place** in 2024 and **runner-up** in 2025. Oversaw **match strategies** and **training**.