Pawan Kumar

LinkedIn | Portfolio | GitHub

Location: Mumbai, Maharashtra

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Python Developer | Django, Flask, FastAPI, OpenCV, GCP, Redis, MongoDB

Python Developer with 2 years of experience in designing and implementing scalable, high-performance web applications. Proficient in **Python, Django, Flask, FastAPI** with strong expertise in **API development, automation, data extraction**, **cloud databases (GCP Cloud SQL)**, **Redis caching**, and **MongoDB storage**. Experienced in computer vision (**OpenCV**) for detection systems and in building **real-time video streaming APIs**. Adept at integrating **payment gateways (Razorpay)** and automating workflows with **WhatsApp API**. Strong problem-solving skills and proven ability to deliver client-focused solutions in fast-paced environments.

Technical Skills

Languages	:	**Python**, **SQL** , **C/C++**, Java, HTML5, JavaScript
Frameworks	:	**Django**, **Flask**, FastAPI, Node.js, **React**
Databases	:	**MySQL**, MongoDB, **GCP Cloud SQL**
Developer Tools	:	**Visual Studio Code**, **PyCharm**, IntelliJ IDEA, GitHub, **Postman**
Core Subjects	:	**Data Structures**, **OOPS**, DBMS
Technologies	:	**OpenCV**, **OCR**, **REST API**, WebSocket, **Razorpay Integration**, **WhatsApp API**, JSON, Git **Redis**

Experience

Python Developer
ImpactSure Technologies Pvt. Ltd., **Mumbai** July 2024 – Present

- Developed and deployed **RESTful APIs** using **Flask** and **Django**, enabling scalable backend services.
- Built **real-time video streaming APIs** using **FastAPI** and **WebSocket**, supporting low-latency media streaming.
- Designed and optimized backend workflows with **MongoDB** for high-volume data storage.
- Implemented **Redis** for caching and session management, significantly reducing API response time.
- Integrated **GCP Cloud SQL** for scalable and reliable database solutions.
- Built backend APIs for **accounting software** (similar to Zoho Books), enabling seamless financial data handling.
- Utilized **OpenCV** for computer vision tasks: vehicle detection, human detection, number plate recognition, and face detection.
- Automated **PDF data extraction workflows** using **Camelot**, **pdfplumber**, and **PyPDF2**, improving accuracy and efficiency.
- Collaborated with cross-functional teams for debugging, testing, and performance optimization.

Software Developer Intern
Impact Sure Technology Pvt. Ltd., **Mumbai** January 2024 – June 2024

- Developed and optimized document automation solutions as part of the **SureExtract** product suite.
- Enhanced PDF data extraction accuracy using **Python** and **AI-based approaches**.
- Received hands-on training in **Python**, **Django**, **Flask**, **HTML**, **CSS**, **JavaScript**, **GitHub**, **React**, **SQL**, and **MongoDB**, gaining practical full-stack development skills.
- Worked in an **agile environment**, participating in daily stand-ups, code reviews, and sprint planning sessions.
- Created proof-of-concept (POC) projects showcased to clients for new product features.

Projects

WhatsApp Printing Automation

- Automated document printing requests via **WhatsApp API** for a seamless user experience.
- Enabled users to upload **PDFs** and **images** directly through WhatsApp.
- System auto-calculated page count and generated a secure **Razorpay** payment link for transactions.
- Implemented an automated backend workflow to process and print documents upon payment confirmation.
- Delivered an end-to-end solution that streamlined document printing, reducing manual effort and improving accessibility for users.