

## Professional Summary:

**Python Developer | 3+ Years Experience;** Results-driven Python developer with a track record of building impactful user-centric applications. Led development of Intelliwiz, reducing emergency response times by 40% through innovative features. Skilled in **backend development, React.js, and API design**. Seeking to leverage expertise in **full-stack** web applications, **RESTful & GraphQL APIs**, and performance optimization in a collaborative team environment to create cutting-edge software solutions.

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## Skills:

**Languages:** Python, JavaScript, SQL, HTML, CSS3, Jinja 2, Django Template Language.

**Softwares:** Git, Django, Flask, Fast API, React.js, REST, GraphQL, PostgreSQL, MongoDB, Celery, Redis, Kubernetes, Docker, MQ, Lang Chain, VectorDB, AWS, OAuth.

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## Experience:

**Software Developer | SPS (erstwhile Youtility Technologies Pvt. Ltd.) | Jan 2021 - Present**

- Led **development of Intelliwiz, a comprehensive facility and security management** app for tasks, tours, route plans, attendance, conveyance, assets, checkpoints, locations and tracking.
- Implemented **critical features** like work permits **reducing permit processing time** by 50%, preventive maintenance programs extending equipment lifespan by 40%, incident reporting and an SOS function **improving response time** to emergencies by 70%.
- Developed a **user-friendly dashboard utilizing Apex.js and JavaScript**, enabling swift access to key metrics for stakeholders, leading to a **30% improvement in operational efficiency and cost savings**.
- **Architected APIs for seamless communication between mobile clients and server**, collaborating closely with the mobile app development team.
- Engineered a **server load management system** with Celery, Redis, and Message Queue to enhance app performance; **decreased average response time by 50%** and improved user experience, resulting in 20% increase in daily active users.
- Removed the **dependency of java** for Reporting server instead created python reporting software.

## Key Achievements:

- Achieved a **faster and more efficient deployment** for Intelliwiz by launching it on a Google Cloud instance using Dockerized Django. This approach **reduced deployment time by 70%** compared to traditional methods.
  - **Optimized report generation** process by creating and implementing **serverless automation scripts**, resulting in a 40% reduction in time spent on **manual report generation tasks, equating to approximately 15 hours saved per week**.
  - Developed high-efficiency **GraphQL services and RabbitMQ-based** communication layers, ensuring fluid integration with a Flutter mobile application, resulting in a 30% increase in real-time data accuracy and user satisfaction.
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## Education:

**M.G.M College of Engineering and Technology | Mumbai University**

- Bachelor of Engineering in Computer Science (Feb 2016–Mar 2020)
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## Personal Projects:

### 1. Serverless reporting

- Developed a **fully Pythonic reporting tool** for generating **analytical reports** in different formats.
- Implemented **context-aware** form presentation based on **user-selected report exports** (download or email).
- Enabled **report scheduling** with **customizable frequencies** (monthly, weekly, daily, Cron expression based.).
- **Technologies Used:** Python, Jinja2, Weasyprint, Pandas, Xlsxwriter, Bootstrap, Celery, jQuery.

### 2. Youtube Video Summarizer [\[Link\]](#)

- Crafted a Python script with yt\_dlp integration to systematically download videos from predefined YouTube URLs, optimizing content acquisition processes and reducing manual intervention by 60%.
- Utilized **Whisper** library to **transcribe video audio content** into text files, boosting **transcription accuracy** to 98% and cutting down manual transcription time by 15 hours weekly, thereby increasing productivity.
- Developed a robust **summarization process** using the **LangChain library's OpenAI model**; segmented **transcription text** into smaller chunks and created documents, improving summarization speed by 30% and relevance by 20%.

### 3. Gemini Clone [\[Link\]](#)

- Developed a **clone of Gemini** using modern javascript library **React.js, Showdown.js and Gemini API**.
- Learned how to use **Context API** for effective **state management** and **reduce prop drilling** within components.
- Used **showdown.js** to **efficiently convert markdown** received from Gemini API to HTML.
- Learned how to use HTML & CSS for loader **animation, media queries** for responsive user interface for different device sizes.