

# Jay Kale

## Contact details

**Role** : python developer intern   **Email** : jaykaleaiat26@gmail.com   **Phone**: 9175745976   **Platforms** : [LinkedIn](#) [GitHub](#)

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## Education

**RH SAPAT college of engineering Management Studies and research**  
**Bachelor in Computer Engineering**   **CGPA: 8.69**

**Nashik, India**  
**July 2018-June 2022**

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## Skills

- **Languages:** Python3.9, SQL, HTML, CSS, Javascript
  - **Frameworks:** FastAPI, Django, Restful API, JSON, JWT, OAuth, **Supabase, FFMPEG, Pydantic, Pandas, Numpy, SQLite**
  - **Tools:** Jupyter Notebook, PyCharm, VS Code, Windows11, Command Prompt , **MySQL, Apache Server**
  - **Platforms:** GitHub, GIT, Adobe, Notepad, MS OFFICE Suite (MS EXCEL, MS WORD, MS POWERPOINT)
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## Work experience

**Datamatics global services limited**  
**Python developer**

**July 2022 – August 2022**

**Nashik, India**

- Developed web application in Django which implemented 1 RESTful API and 2 python libraries
  - Fired queries on relational database like MySQL and SQLite.
  - Wrote reusable, testable, and scalable code using that enabled to scale across varying demand on the Server.
  - Worked with server-side logic of Django RESTful API application
  - Supervised version control systems like GIT, GITHUB which kept the workflow smooth and efficient.
  - Developed APIs using Django .
  - Collaborated with Front-end developers, integrated UI with server and created design solutions.
  - Enhanced communication via Microsoft teams that reduced follow-up questions by 50% .
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## Project

**FastAPI based Video streaming engine/ library**

**August 2022 - September 2022**

- Developed and designed a Video streaming Web application using FastAPI and vanilla javascript with Supabase as backend.
  - Streamed playback videos using event based REST API and broadcasted them in chunks that solved latency issues.
  - Managed the backend (supabase) to upload videos from UI to backend and vice versa in chunks that integrated the data into one single unit.
  - Minimized the use of transfer of requests and responses resulting in robust connectivity during API calls in production phase.
  - Improved the quality and efficiency of code by writing unit tests regularly .
  - Managed data integrity throughout the model design and implementation securing confidential information in the end.
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## Certifications

**Programming in C**

**April 2016- June 2016**

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