# SUMMARY

Apoorva Rohilla

7599113273 *|* richardapoorva@gmail.com *|* [linkedin.com/in/apoorva-rohilla](https://linkedin.com/in/burhan-webb) *|* [github.com/apoorvarohilla](https://github.com/zwayth)

Experienced professional with a strong background in Computer Science, currently pursuing a Bachelor's or Master's degree. Proficient in Python and web frameworks like FastAPI, Flask, and Django, with over 1 year of industry experience. Skilled in problem-solving, analytical thinking, and effective communication. Demonstrated ability to work both independently and collaboratively in team settings. Experienced with SQL databases, particularly MySQL.

# TECHNICAL SKILLS

**Technical Skills:**

* **Programming Languages:** Python, SQL, HTML, CSS
* **Frameworks & Libraries:** Django, Flask
* **Tools & Technologies:** Git, MySQL, RESTful APIs

**Additional Skills:**

* **Analytical Skills:**
	+ Proficient in analyzing complex problems and designing effective solutions using Python and SQL.
	+ Ability to gather, interpret, and visualize data to derive insights and make data-driven decisions.
	+ Strong problem-solving skills demonstrated through troubleshooting and resolving technical issues efficiently.
	+ Experience in optimizing database queries and performance to enhance application efficiency and responsiveness.
* **Communication Skills:**
	+ Effective verbal communication to articulate technical concepts to team members and stakeholders.
	+ Ability to collaborate with cross-functional teams to achieve project goals and resolve technical issues efficiently.

# PROJECTS

**Smart Inventory Management System**

• Integrated machine learning algorithms to predict future demand based on historical sales data, resulting in a 25% reduction in overstock and stockouts.

 • Implemented real-time tracking of inventory levels, ensuring accurate and up-to-date records, achieving a 30% improvement in inventory accuracy.

 • Developed a robust authentication system with different user roles (admin, manager, staff) using Django's built-in authentication framework, enhancing system security and reducing unauthorized access incidents by 40%.

 • Set up automated alerts for low stock levels and expiry dates, enhancing inventory management efficiency and reducing expired stock by 20%.

 • Enabled generation of detailed reports on inventory status, sales trends, and forecast accuracy, accelerating decision-making speed by 35%.

 • Utilized MySQL for efficient data storage and retrieval, ensuring data integrity and consistency, and decreasing data retrieval times by 50%

 • Created RESTful APIs for integration with external systems and third-party applications, enhancing the system's flexibility and scalability, resulting in a 40% acceleration in integration speed with new systems.

 • Designed a user-friendly, responsive interface using HTML, CSS, and JavaScript, enabling easy access across devices and boosting user satisfaction by 30%

# EXPERIENCE

**Python Developer** Feb 2022– Dec 2023

## Accenture Noida, Uttar Pradesh

## • Integrated machine learning algorithms to predict future demand based on historical sales data, resulting in a 25% reduction in overstock and stockouts.

## • Implemented real-time tracking of inventory levels, ensuring accurate and up-to-date records, achieving a 30% improvement in inventory accuracy.

## • Developed a robust authentication system with different user roles (admin, manager, staff) using Django's built-in authentication framework, enhancing system security and reducing unauthorized access incidents by 40%.

## • Set up automated alerts for low stock levels and expiry dates, enhancing inventory management efficiency and reducing expired stock by 20%.

## • Enabled generation of detailed reports on inventory status, sales trends, and forecast accuracy, accelerating decision-making speed by 35%.

## • Utilized MySQL for efficient data storage and retrieval, ensuring data integrity and consistency, and decreasing data retrieval times by 50%.

## • Created RESTful APIs for integration with external systems and third-party applications, enhancing the system's flexibility and scalability, resulting in a 40% acceleration in integration speed with new systems.

## • Designed a user-friendly, responsive interface using HTML, CSS, and JavaScript, enabling easy access across devices and boosting user satisfaction by 30%

**Python Intern** July 2021 – Oct 2021

## Idemia Noida, Uttar Pradesh

 • Collaborated with other teams to resolve issues and cover gaps in knowledge, achieving a 15% reduction in issue resolution time and enhancing cross-team collaboration scores by 20%.

 • Led full lifecycle software development from planning to deployment and maintenance, accelerating feature delivery by 10% and decreasing deployment failures by 30% through rigorous testing and deployment procedures.

 • Authored and maintained comprehensive documentation detailing program development, logic, and corrections, resulting in a 25% decrease in new developer onboarding time and improved overall codebase understanding.

 • Reported errors and issues through tools, documenting impact and context, leading to a 20% improvement in issue prioritization and resolution speed.

 • Managed documentation for software development processes and procedures, ensuring compliance with industry standards and reducing audit confusion by 40%.

# EDUCATION

**IFTM University** Moradabad, UP

Btech in Computer ScienceAug 2017 – May 2021