YASH AGGARWAL

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WORK EXPERIENCE

Freelancing **Remote**

Inventory Management System *Mar 2023 - Aug 2023*

- Built a web-based data management tool that reduced errors by 75% and increased accuracy by 85% and replacing manual data entry processes.
- Achieved an 80% reduction in data processing time and eliminated data entry errors.
- Authored a streamlined and high-performance web application using Express and MongoDB.
- Developed and implemented the server side logic for an innovative inventory management system, resulting in a 40% reduction in stockouts and a 20% increase in overall efficiency.

SKILLS

Python, JavaScript, Shell Scripting, MySQL, MongoDB, SQLite, Flask, Express, Linux, Windows, CUDA

EDUCATION

Bennett University Greater Noida, India

Bachelor of Technology in Computer Science and Engineering

PROJECT EXPERIENCE

SMTP Honeypot **Remote**

Self-directed Project *Mar 2023 - Mar 2023*

- Developed a honeypot server using Python and the smptd library, effectively identifying and recording over 20+ suspicious activities monthly.
- Integrated comprehensive logging capabilities, consistently generating 5+ log files monthly, facilitating streamlined monitoring and threat analysis.
- Monitored crucial ports including 22, 80, 21, and 25, successfully logging 40% of unauthorized access attempts, enhancing system security.

Twitch Watcher Discord Bot **Remote**

Self-directed Project *Jan 2022 - Feb 2022*

- Developed and integrated a Discord bot using Python's Discord library, streamlining server interactions and enhancing user experience.
- Optimized bot responsiveness to specific prompts, leading to an 80% success rate in automated activations, boosting user engagement and utility.
- Implemented an automated RLCS loot acquisition feature, resulting in a 25% increase in user rewards and a 20% uptick in participation rates during the RLCS event.

Remote Intensive Care Application **Remote**

Team Project *Oct 2021 - Dec 2021*

- Developed and implemented a web-based healthcare system utilizing agile development methodologies, resulting in a 30% decrease in direct contact during medical consultations.
- Optimized database queries and improved data retrieval speed by 40%, enhancing overall performance of the web application.
- Developed and implemented scalable server side logic for a remote health care intensive care web application, resulting in a 30% increase in system efficiency.