

Anupriya Gupta

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EDUCATION

GAUTAM BUDDHA UNIVERSITY

B.TECH IN INFORMATION

TECHNOLOGY

2021 | Greater Noida, UP

CGPA: 8.78

ST. MARY'S CONVENT

ISC (CLASS XII)

2017 | Lucknow, UP

Percentage: 90.25%

ICSE (CLASS X)

2015 | Lucknow, UP

Percentage: 94.8%

COURSEWORK

- Data Structures & Algorithms
- Design and Analysis of Algorithms
- Object Oriented Programming
- Operating System
- Database Management System
- Computer Networks
- System Design
- Multithreading

ONLINE CERTIFICATIONS

- SQL (Advanced) | Hackerrank
- Modern C++ | Udemy
- Problem Solving | Hackerrank

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- C/C++
- Python

DATABASES

- MySQL
- Mongo Db

TOOLS AND TECHNIQUES

- Linux | Bash | Gradle
- Git | CI/CD | Jira
- Gtest | CMake | GDB | QT
- REST API | Postman

ACHIEVEMENTS

Received the "Best New Joiner" award at Wipro Technology, acknowledging outstanding performance and contributions within the organization

EXPERIENCE

WIPRO TECHNOLOGIES | ASSOCIATE CONSULTANT

July 2021 – Current | Bengaluru

- Designed and developed multiple multithreaded **in-house C++ systems**, facilitating the generation, conversion, and transformation of client's sales data into formats compatible with the company's systems, fostering seamless data integration
- Crafted an intuitive user-friendly **GUI within the C++ system using QT**, empowering the team to seamlessly perform conversions & troubleshoot issues
- Implemented rigorous testing procedures using **Gtest framework** to ensure software robustness, and adeptly adapted systems to evolving client requirements by delivering continuous updates and enhancements.
- Analysed and interpreted client requirements, leading to the design and setup of a robust **MySQL database system**. This system facilitated the seamless tracking and analysis of daily sales data within the organisation
- Meticulously manage the MySQL database system, ensuring data accuracy, swiftly resolving data-related issues and vigorously addressing root causes of errors. This led to an impressive **95% reduction in sales data discrepancies** and a notable enhancement of data quality.
- Conduct **data consistency** checks periodically through intricate cross-database comparisons, promptly rectifying any disparities. This process plays a **pivotal role** in supporting critical business operations

RESEARCH DESIGNS AND STANDARDS ORGANIZATION

SOFTWARE ENGINEERING INTERN

June 2020 – Aug 2020 | Lucknow

- Developed a robust **C++ and MySQL-based Smart Ticketing System** for Railways, enhancing its ticketing efficiency and passenger convenience
- Implemented application integration with online payment methods, potentially **reducing ticketing queue times by 60%**
- Utilized **MySQL databases** for efficient data storage and retrieval, ensuring real-time transaction processing and seamless ticket management
- Implemented advanced **encryption techniques** for data security, ensuring compliance with privacy regulations and system integrity

PROJECTS

SECURE FINANCIAL DATA MANAGER | C++, MySQL

- Developed **C++** application with MySQL for secure financial data management and encryption
- Implemented **AES** encryption for data security and compliance
- Designed an intuitive **GUI** for user-friendly data handling

ASSIGNMENT MANAGER+ | PYTHON, MONGODB

- Developed a **Python and MongoDB-based system** aimed at streamlining assignment submission, grading, and real-time feedback access
- Utilized **tkinter** to create a user-friendly GUI for easy interaction.
- Implemented **MongoDB as the primary database**, allowing for efficient storage and retrieval of assignment data and results