

# ACHARI GNAPIKA

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## PROFESSIONAL SUMMARY

"Motivated recent graduate with a strong foundation in Java, Python, DBMS and Web development and hands-on experience in Web development. Eager to contribute to a dynamic team and apply analytical and problem-solving skills drive results".

## TECHNICAL SKILLS

- JAVA
- JDBC
- PYTHON
- MYSQL
- HTML
- EMBEDDED C
- SERVLET
- CSS

## PROJECTS

### Laser Security Alarm System

- Developed a laser security alarm using infrared lasers and Arduino microcontroller.
- Implemented a buzzer and LED alerts for breaches.
- Designed and tested the circuit for accuracy and responsiveness.
- Wrote Arduino code in C++ to control the system efficiently.

### Healthcare Management Database System | MySQL, Advance SQL

- Developed a database system for managing patient records, staff data, billing, and operations.
- Designed ER diagrams to represent data relationships.
- Executed advanced SQL queries for optimal performance.
- Applied normalization techniques, optimized 400-500 SQL queries on DDL, DML, and advanced concepts like views, subqueries, and pseudo columns

### Banking Management System

- Developed a web-based Banking Management System with HTML, CSS, MySQL, Servlet, and JDBC for secure account and transaction management.
- Created a Healthcare Management Database System using ER diagrams and optimized 400+ SQL queries for patient record management.
- Implemented advanced SQL techniques for data integrity and efficient query performance.
- Ensured robust user authentication and secure data handling across both systems.

## EDUCATION

### Rajiv Gandhi University of Knowledge and Technologies

2020 - 2024

Bachelor of Technologies

8.12 / 10 CGPA

- Electronics and Communication

### Rajiv Gandhi University of Knowledge and Technologies

2018 - 2020

- Intermediate

8.04 / 10 CGPA

### AP Model School

2017 - 2018

- SSC

10 / 10 CGPA

## ADDITIONAL INFORMATION

- **Languages:** English, Telugu, Hindi.
- **Certifications:** **Core & Advanced Java Internship** at Besant Technologies  
**Web Development Internship** at InternPe