

KUSHALTA

✉ kushalta162@gmail.com | 📞 +91 7973018625 | 🔗 LinkedIn : [linkedin.com/in/kushalta-16s02k29o](https://www.linkedin.com/in/kushalta-16s02k29o) | 📁 GitHub: github.com/kushalta02 | 📍 Hoshiarpur, Punjab |

Career Objective

Enthusiastic and detail-oriented B.B.Tech CSE student with good foundations in Full Stack Development, AI/ML, and real-time application development. Experienced in building scalable web applications, AI-powered systems, and cloud-based solutions using Python, React.js, Flask, and FastAPI.

Core Competencies

- Languages: Python, C++
- Web: HTML, CSS, JavaScript, React.js
- Frameworks: Flask, FastAPI, REST APIs
- Database: Cloudant, MySQL
- Core: OOP, DBMS, Operating Systems, Computer Networks, DSA (Basics)
- Tools: Git, GitHub, VS Code, Postman
- **AI/ML:** Machine Learning, OpenCV, NumPy
- IBM Cloud

PROJECTS

Life Mirror AI System | FastAPI, AI APIs, Python, React.js **FEB 2026**

- Built a conversational AI journaling system using FastAPI with real-time interaction and optimized API communication for improved performance and user experience.

Face Detection Car Lock System | Python, OpenCV, Numpy, React.js **DEC 2025**

- Developed a face recognition-based vehicle security system using OpenCV to enable secure authentication and prevent unauthorized access.

School Bus Safety & Tracking System | IBM Cloud, Python, Flask, HTML, Leaflet.js **JULY 2025**

- Developed a real-time GPS-based tracking system using Flask & Cloudant with parent/driver dashboards, route tracking, and deviation alerts; implemented live updates and automated attendance features.

Municipality Grievance Management System | Python, SQL **DEC 2022**

- Designed a system for registering and tracking public complaints, improving transparency and efficiency in issue resolution. Developed during 12th standard

Education

B.Tech – Computer Science & Engineering, Rayat Bahra Professional University (2023–2027) | No Backlogs

XII (CBSE) – GMA City Public School, Hoshiarpur – 74.6% **2023**

X (CBSE) – GMA City Public School, Hoshiarpur – 92.4% **2021**

Certifications

Cloud Application Developer – IBM |

Deloitte Data Analytics Job Simulation – Forage |

Entrench Electronics – IIT Bombay |