

PRAVEEN GUPTA

Lucknow, Uttar Pradesh

☎ +91 8687014404 ✉ praveengupta.17jan@gmail.com [in praveen-gupta-1701](https://www.linkedin.com/in/praveen-gupta-1701) [🐙 praveengupta1701](https://github.com/praveengupta1701) @ Praveen

Education

- **B. Tech** with an **78.6%** from ABES-EC (Ghaziabad) affiliated to AKTU, Lucknow. 2017 – 2021
- **12th** with **92.2%** from Lucknow Public School . 2016 – 2017
- **10th** with **89.2%** from Lucknow Public School . 2014 – 2015

Experience

Harman Connected Services Ltd

09-2020 – Present

Associate Software Engineer

Bangalore

- * **Middle Ware** development in C/C++ in VD Domain.
- * Development of **ADAS Spy** Module.
- * Android experience in **bringing up, porting, stabilization, and customization** of the Android framework as well as design development of system applications in **test-driven development**.
- * Created **HAL Development** for doing simple operations on the hardware for learning purposes.
- * Implemented an **API** that provides logs in specific locations in the system by going through **LLD**.
- * Increased the efficiency of Software Developers by **50%** by writing **600** Lines of Code.
- * Embedded System AOSP Android Framework HAL.

Projects

Banking Management System | C++, OOPs [🔗](#)

06-2020

- * Developed a menu-driven banking management system that has various features like creating a new account, deleting an account, withdrawing money, depositing money, displaying information about the account, etc.
- * Implemented OOPs concepts like Encapsulation, Friend function member, different types of Constructors, etc.

Fast Food Ordering System | C++ [🔗](#)

07-2020

- * Developed a menu-driven project in which a person orders the food from a restaurant by his/her choice and at last, the bill is given.

Age, Gender and Emotion Estimation | Python, Opencv(CNN) [🔗](#)

03-2021 – 06-2021

- * Developed a deep CNN-based model in which we take images of a person and then predict age, gender and emotion.

Technical Skills

Languages: C, C++(OOPs), Python, Core Java, HTML/CSS, Multi Threading, Shell Scripting

Database: MYSQL(SQL)

Developer Tools: VS Code, Confluence, Latex, Android Studio, Putty, Beyond Compare, Mobaxterm

Operating System: Linux, Windows

Version Control System: Git, GitHub

Hardware: AIDA Board

Areas of Interest

- Data Structures
- Algorithm
- Database

Publications

- Research Paper “**AGE, Gender and Emotion Estimation Using Deep Learning**” has been published in the Springer Series of “**Congress on Intelligent Systems Volume**” 07-2022

Achievements and Awards

- * Ranked **5th** in the “**Turing Test**” coding competition under Enigma Programming Club.
- * Qualified for CST UP Science Talent **Scholarship** in the Science Talent Search Examination 2016 - 17.
- * Certified By **HackerRank** for **Advanced Problem Solving**
- * **Semi-finalist** in the Code Gladiator organized by **Techgig**.

Extracurricular Activities

- Participated in a **Cyber Security Workshop** organized by **Net camp**
- Participated in workshops like **C++, GitHub, and Web Development** under Technovation (CSE Department Club).
- Contributed algorithm-related programs and their analysis for the book “**A Practical Approach to Data Structure and Algorithm with Programming in C**”.