

Gaurav Meena

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EDUCATION

DELHI TECHNOLOGICAL UNIVERSITY

BTECH. COMPUTER ENGINEERING

May 2025 | New Delhi, IN

GPA: 7.09

KVS SHALIMAR BAGH

12TH GRADE

Jun 2021 | New Delhi, IN

Marks: 87%

KVS SHALIMAR BAGH

10TH GRADE

May 2019 | New Delhi, IN

Marks: 91%

LINKS

Portfolio:// gkmeena.com

LinkedIn:// [gauravmeeee](#)

Github:// [gauravmeeee](#)

Hackerrank:// [gauravmeeee](#)

Codeforces:// [gaurav_meena](#)

Leetcode:// [gaurav_meena](#)

COURSEWORK

UNDERGRADUATE

Data Structure

Algorithm Design and Analysis

Operating System

Computer Organisation and Architecture

Computer Networks

Compiler Design

Pattern Recognition

SKILLS

PROGRAMMING

Advance

C++ • Python • Javascript

Intermediate

HTML • CSS • MySQL

Familiar:

Oracle • ReactJS • NodeJS • LaTeX •

MongoDB

DESIGN TOOLS

Adobe Illustrator • Photoshop • Sketchup

PROJECTS

COLLEGE COUNSELING WEBSITE | SOFTWARE DEVELOPER

Jun 2023 - Aug 2023

- **Description:** The project focuses on developing a comprehensive college counseling website to assist students with college selection, application processes, and related guidance. It emphasizes agile methodologies, responsive design, user experience, and security.
- **Responsibilities:**
 - Spearheaded the creation of a secure, user-friendly authentication system, integrating OAuth2.0 with Google API for enhanced security.
 - Developed a seamless registration process using JavaScript, Node.js, and MongoDB, ensuring data integrity and a positive user experience through robust form validation and error handling.
- **Technologies:** HTML, CSS, JavaScript, Node.js, MongoDB, Google API.
- **Key Achievements:** Significant contributions to frontend and backend development; successful integration of Google OAuth2.0 for enhanced security.
- **Outcome:** The project delivered a secure, functional one-stop college counseling platform, enhancing the higher education guidance experience for students.

ACCIDENT ALERT SYSTEM SOS | EMBEDDED SYSTEM

Jan 2023 - March 2023

- **Description:** Designed and implemented an innovative Accident Alert System using Arduino Uno, embedded systems, MPU6050 sensor, GPS, and GSM module to enhance road safety.
- **Achievements:**
 - Developed embedded algorithms for real-time vehicle monitoring.
 - Implemented an effective solution for prompt accident detection and alert notifications.
 - Integrated GPS for accurate location tracking.
- **Outcome:** Significantly improved road safety with a cost-effective embedded system, promptly alerting emergency services and notifying contacts.
- **Skills:** Embedded systems, Arduino Uno, MPU6050, GPS, GSM, real-time monitoring, algorithm development.

POSITION OF RESPONSIBILITY

1. **Team Raftaar, Corporate Co-head (June 2022 - June 2023):** Directed a team of 10+ volunteers in designing and creating a fully functional electrical human-powered vehicle (HPV) two-wheeler. Developed and Launched the team's website. Achieved 1st Position in Human Powered Vehicle Challenge, ASME EFX 2023 India, presented at PES University, Bengaluru.
2. **NSS DTU Executive (July 2023 - Present):** Spearheaded initiatives as a leader for 100+ volunteers, orchestrating a series of successful events and workshops, including mental health awareness, educational months, road safety campaigns, blood donation drives, and rural outreach programs, significantly contributing to community engagement and support.