Divyanshu Kumar Gautam

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**Project Repositories:** <https://github.com/Divyanshu909>

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# Objective

## A dedicated and detail-oriented computer science student seeking an internship to leverage my skills in software development,

## problem-solving, and teamwork in a dynamic environment

# Projects

## Tesla Coil Based Wireless Mobile Charger

* + Developed a wireless mobile charger using a Tesla coil to transfer power wirelessly.
  + **Hardware Stack:** 4007 Diode, 1000uF Capacitors, 7805 Regulator
  + **Outcome:** Demonstrated effective wireless power transfer with practical applications in mobile technology.

## Sorting Visualizer

* + Developed an interactive sorting algorithm visualizer using React.js and D3.js.
  + **Technology Stack:** React.js, D3.js
  + **Outcome:** Improved understanding of sorting algorithms by providing real-time animations and step-by-step execution for better learning.

**स्त्री** **Safe**

* Developed a mobile application aimed at enhancing women’s safety through real-time threat detection and alerts.
* **Technology Stack:** Android Studio, MongoDB
* **Outcome**: Integrated real-time tracking and emergency alerts, providing an effective and scalable solution for personal safety

# Skills

## Programming Languages: Java, C++, MySQL, HTML, JavaScript

## Tools & IDE: Visual Studio Code, Android Studio, Ms Excel, Tableau

## Soft Skills: Problem Solving, Communication, Team Player

## Languages: Hindi (Native), English (Fluent)

# Achievements and Participations

* + SIH Pre Qualifiers 2023: Participated in Smart India Hackathon Pre-Qualifiers.
  + Maths Fair: Competed in Maths Fair at the state level.
  + SIH Pre Qualifiers 2024: Achieved 16th rank out of 350 teams in the Smart India Hackathon Pre-Qualifier.

# Certifications

* + Oracle Academy | Java Foundations
  + Oracle Academy | Database Programming with SQL
  + Internshala Trainings | Data Science

# Extracurricular Activities

* + Volunteer | Bhartiya Shikshan Mandal, Yuva ayam
  + Volunteer | Young Research Conclave 2022

# Education

## B. Tech in Computer Science Engineering | Galgotias University

* CGPA: 7.64 (2022-2026)

## HSC (12th) | Mahamada Inter College, Bihar

* Percentage: 71% (2021-2022)

## SSC (10th) | Mahaviri Saraswati Vidya Mandir, Bihar

* Percentage: 84% (2019-2020)

# Hobbies

## Travel: Passionate about exploring new cultures and places.

## Fitness: Regular exercise and physical fitness enthusiast, focusing on maintaining a healthy lifestyle.

## Sports: Football, Cricket (active participant).

## Gaming: Strategy and puzzle games enthusiast.