

# Piyush Gaurav

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 Bhubaneswar, India

 PiyushGaurav

## Professional Summary

Fourth-year Computer Science undergraduate with hands-on experience in the MERN stack, Java, and Python. Proven ability to deliver technical solutions through internships and academic projects. Strong problem-solving and people management skills. Eager to join a tech-driven organization as a junior software engineer.

### Skills Set

Languages: Java, Python, C, SQL, HTML, CSS, JS

Frameworks: MERN (MongoDB, React.js, Node.js)

Database: DBMS, MongoDB, SQL

Tools: VS Code, IntelliJ IDEA, Eclipse, Visual Basic, GitHub

### Soft Skills

- People Management Skill
- Accountability
- Emotional Intelligence
- Adaptability

## Education

**B.TECH(Computer Science & Engineering)**  
Institute of Technical Education and Research, SOA  
CGPA- 8.45

2022 – Present | Bhubaneswar, India

**12th**  
St. Karen's High School  
Secured 80% Marks

2020 – 2022 | Patna, India

**10th**  
St. Karen's High School  
Secured 89.62% Marks

2020 | Patna, India

## Projects

**Web Site for Patna Obstetric and Gynaecological Society**  
• Leading development of a responsive, database-driven website for a medical society using the MERN stack.  
• Designed user interface and implemented secure patient registration features.

2025 – Present

**Vision Map Detection Model - [SAMSUNG PRISM]**  
• Developed and trained a model to accurately detect map features using image processing and machine learning in Python.  
• Improved accuracy by 15% over baseline through algorithm optimization.

12/2024 – 08/2025

**CALCULATOR MODULE**  
• Built and deployed a **.NET-based Windows Calculator (.exe)** with basic arithmetic, clear/delete, and real-time result display.  
• Applied **modular design** for numbers, operators, and results, ensuring maintainability.  
• Designed a **color-coded UI** for better usability and accessibility.

2025

**CALENDAR MODULE For Eye Hospital**  
• Designed and implemented a .NET-based calendar module for a hospital, increasing appointment tracking efficiency by 40% and enabling doctors to access past patient data quickly.  
• Provided streamlined access to historical records, giving hospital staff and doctors the ability to analyze back-dated information and optimize resource planning

12/2024

## Certificates

- Java Servlet Pages (JSPs)
  - HackerWar 5.0 (Hackathon)
  - Samsung Prism Virtual Internship
- Java Programming
  - Deloitte Cyber Job Simulation
  - Deloitte Data Analytics