Gaurav Singh

Email : gs33@iitbbs.ac.in
LinkedIn : *https://www.linkedin.com/in/gauravsingh3122*
GitHub : *https://github.com/axle-blaze*
Phone: (+91) 7565012536

IIT Bhubaneswar

B Tech in Civil Engineering + M. Tech
in Transportation Engineering
Final Year Undergraduate
CGPA: 8.43/10

Education

Year	Degree/Examination	University/Board	%/CGPA
2024	Integrated BTech and MTech	Indian Institute of Technology, Bhubaneswar	**8.43/10**
2018	Intermediate (12th standard)	Central Board of Secondary Education	**89.6%**
2016	Secondary School Certificate (10th standard)	Central Board of Secondary Education	**10/10**

Key Skills

Programming Language : Python, JavaScript, TypeScript, C, C++.
Development tools : MongoDB, ExpressJS, ReactJs, NodeJS, NextJS, mySQL, HTML, CSS, AngularJS, AWS.
Libaries : NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, OpenCV.

Coding Profiles

- Knight at LeetCode (Max Rating of 2008) and solved over 1350 problems on LeetCode. **LEETCODE**.
- 4 Star at CodeChef (Max Rating of 1841) **CODECHEF**.
- Specialist at CodeForces (Max Rating of 1435) **CODEFORCES**.

Internship Experience

Web development Intern, Boossti   *Dec 2023 - March 2024*
- Contributed to the development of dynamic user interfaces using TypeScript, ReactJS, and NextJS in a cross-functional team environment.
- Collaborated effectively to implement AWS-based CI/CD pipelines, enhancing efficiency in software delivery and deployment.

Project

CampGround Review GitHub   *June 2023-September 2023*
- Developed a campground-focused web application using HTML, CSS, AngularJS, Node.js, and Express.js. Users can explore, add, and comment on campgrounds.
- Integrated MongoDB for data management, and used PassportJS for authentication of users.

Predicting the particle size distribution a asphalt specimen (Ongoing) GitHub   *April 2023-May 2024*
- In this project an openCV library-based image processing algorithm was developed to find out the gradation of a concrete sample using a planer image of the sample.
- Integrated this algorithm into a mobile app for on-site particle size analysis and estimating the contact points

Achievements

- International Collegiate Programming Contest (ICPC) regionalist in 2023.
- Advanced to the third round of TVS Credit's hackathon, achieving a top 300 position out of 51,414 competing teams.
- Advanced to the third round of L'Oréal Sustainability Challenge, achieving a top 800 position out of 73,877 teams.
- Secured a global rank 24 and college rank 3 in CodeSprint organized by Neuromancers, IIT Bhubaneswar.

Certifications

- "The Complete Data Structures and Algorithms Course in Python" by Udemy.
- "The Web Developer Bootcamp 2023" by Udemy.
- "Python for Data Science and Machine Learning Bootcamp " by Udemy.

Positions of Responsibility

Core Head of Events and Management Team, Alma Fiesta, IIT Bhubaneswar *September 2019 - April 2022*
- Led a team of 40 members responsible for organising and managing 30+ events in Alma Fiesta, the Socio-Cultural Fest of IIT Bhubaneswar happening over 3 days.

Extra-Curricular Activities

- Member of Clix-Photography society and Neuronamancers, the Programming Society of IIT Bhubaneswar.
- Member of Nakshatra, the Astronomy society of IIT Bhubaneswar.
- Member of Inter year Cricket and Badminton team of IIT Bhubaneswar.