

# RAJ GAURAV

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## EDUCATION

Siksha 'O' Anusandhan (SOA), Bhubaneshwar, Odisha, India  
Bachelor of Technology (Computer Science and Engineering with specialization in Internet of Things)  
Registration Number: 2241007011  
**9.91 CGPA** till 4th semester (2022-2026)

<b>Subjects / Electives</b>	Discrete Mathematics, Introduction to Graph Theory, Data Structures and Algorithms, Calculus, Python Programming for IOT, Digital Logic Design, Algorithm Design, Probability and Statistics, Linear Algebra, Principles of Microeconomics and Macroeconomics, Computer Organization and Architecture, Raspberry Pi.
<b>Technical Proficiency</b>	HTML, CSS, Java, Data Structures and Algorithms, Python, JavaScript, SQL, Communication, Teamwork, Adaptability, Raspberry Pi, Proficiency in IBM Cloud, Generative AI.

SUMMER INTERNSHIP / WORK EXPERIENCE	
<b><u>Internship in Emerging Technologies (AI &amp; Cloud) Edunet Foundation in collaboration with AICTE</u></b> <ul style="list-style-type: none"><li>Leveraged SkillsBuild &amp; IBM Cloud Platform, focusing on Emerging Technologies (AI &amp; Cloud).</li><li>Developed a web chat application using IBM Watson.</li><li>Designed a <u>Chabot interface</u> integrated with Watson's AI capabilities to provide interactive and automated responses.</li></ul> <b><u>Machine Learning with Python Intern, EISystems Services</u></b> <ul style="list-style-type: none"><li>Completed an 8-week internship, receiving hands-on training in Machine Learning with Python.</li><li>Submitted a comprehensive report on Area Price Prediction, applying machine learning techniques to predict pricing trends.</li></ul>	July 8 – August 5, 2024.  July 2 – August 27, 2024

PROJECTS	
<b><u>Building Bagels Game.</u></b> <ul style="list-style-type: none"><li>Built a Bagels game with number-guessing logic and a user-friendly interface using HTML, CSS, and JavaScript.</li></ul> <b><u>Harnessing Magic through Gesture-Controlled Lamp Activation with a Harry Potter Wand and Raspberry Pi.</u></b> <ul style="list-style-type: none"><li>Developed a Harry Potter wand-activated lamp using Raspberry Pi, with Python scripts for gesture recognition and hardware integration.</li></ul> <b><u>Statistical Calculator Using 8086 Assembly Language.</u></b> <ul style="list-style-type: none"><li>Developed a Statistical Calculator in 8086 assembly, handling mean, median, mode, and focusing on memory management.</li></ul> <b><u>BCD to Decimal Decoder.</u></b> <ul style="list-style-type: none"><li>Designed, tested, and troubleshooted circuits for a BCD to decimal decoder, demonstrating proficiency in digital electronics and hardware prototyping.</li></ul>	December, 23 – January, 24 April – May, 24  May, 24  January, 24

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
<a href="#">HackerRank - SQL (Basic)</a>	HackerRank	•Earned a Certificate in SQL (Basic).
<a href="#">Cognizant Artificial Intelligence Job Simulation on Forage - July 2024</a>	Forage	•Conducted EDA, developed Python model, and presented findings for Gala Groceries project.
<a href="#">Certificate of Excellence - Python Skill Assessment.</a>	Scaler Topics	•Awarded by Scaler Topics for exceptional mastery, achieving a score of 98.43% (June 2024)

EXTRA CURRICULAR ACTIVITIES
<b><u>Chess</u></b> - Regularly participate in chess clubs, SOA Cups, or online communities to get skills and engage in competitive play. <b><u>Innovation and Entrepreneurship Cell (IEC)</u></b> - Member of the Innovation and Entrepreneurship Cell (IEC) at College Level.