

# SIDDHARTHA GAUTAM

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Lucknow, Uttar Pradesh, India

## EDUCATION

<b>Indian Institute of Technology (IIT) Guwahati</b> <i>Credit-Linked Data Science Program (via Masai School)</i>	Aug 2024 – Present Guwahati, Assam
<b>Lucknow Public College of Professional Studies (LPCPS)</b> <i>Bachelor of Computer Applications (BCA) - Information Technology</i>	Aug 2023 – May 2026 Lucknow, UP

## EXPERIENCE

<b>Full Stack Developer Intern</b> <i>Edureka</i>	Dec 2023 – May 2024 Remote
<ul style="list-style-type: none"><li>Developed a full-stack Zomato clone using MERN stack (MongoDB, Express.js, React.js, Node.js)</li><li>Implemented RESTful APIs for restaurant search, user authentication, and order management</li><li>Designed responsive UI components using React and modern CSS frameworks</li><li>Collaborated in agile sprints to deliver scalable web applications with optimized performance</li><li>Built multiple minor projects demonstrating proficiency in JavaScript, ES6+, and asynchronous programming</li></ul>	

## PROJECTS

<b>Classroom Monitoring System</b>   Python, OpenCV, YOLO, Deep Learning	2024
<ul style="list-style-type: none"><li>Engineered an AI-powered classroom monitoring system using computer vision and deep learning techniques</li><li>Implemented real-time student attendance tracking and behavior analysis using YOLO object detection</li><li>Utilized Ultralytics framework for model training and deployment with 90%+ accuracy</li><li>Processed and analyzed video data using OpenCV, NumPy, and Pandas for insights generation</li></ul>	
<b>Full-Stack Zomato Application</b>   React, Node.js, Express, MongoDB	2024
<ul style="list-style-type: none"><li>Built a comprehensive food delivery platform with user authentication, restaurant listings, and cart functionality</li><li>Architected RESTful APIs handling 1000+ concurrent requests with JWT-based authentication</li><li>Integrated third-party APIs for location services and payment gateway simulation</li><li>Optimized database queries resulting in 40% faster page load times</li></ul>	
<b>Weather Application</b>   JavaScript, REST APIs, HTML/CSS	2023
<ul style="list-style-type: none"><li>Created a dynamic weather application fetching real-time data from OpenWeatherMap API</li><li>Implemented geolocation features and responsive design for cross-device compatibility</li></ul>	

## TECHNICAL SKILLS

<b>Programming Languages:</b> JavaScript (ES6+), Python, Java, HTML5, CSS3, SQL
<b>Frontend Technologies:</b> React.js, Redux, Bootstrap, Tailwind CSS, Responsive Web Design
<b>Backend Technologies:</b> Node.js, Express.js, RESTful APIs, JWT Authentication, MongoDB, Mongoose
<b>Data Science &amp; ML:</b> NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Ultralytics, YOLO, OpenCV
<b>Machine Learning:</b> Supervised/Unsupervised Learning, Deep Learning, Neural Networks, Model Training
<b>Tools &amp; Platforms:</b> Git, GitHub, VS Code, Postman, npm, Agile/Scrum Methodologies
<b>Databases:</b> MongoDB, MySQL, Database Design and Optimization

## CERTIFICATIONS & ACHIEVEMENTS

<b>Hackathon Finalist - "Hack with Uttar Pradesh"</b> : Selected as finalist among 500+ participants for innovative solution
<b>IIT Guwahati Data Science Program</b> : Selected for prestigious credit-linked program demonstrating academic excellence
<b>Full-Stack Development Expertise</b> : Successfully completed 6-month intensive internship building production-ready applications
<b>AI/ML Innovation</b> : Developed computer vision system achieving 90%+ accuracy in real-world deployment
<b>Rapid Technology Adoption</b> : Mastered MERN stack, Python data science ecosystem, and deep learning frameworks within 12 months