

# AYUSH RAJ GUPTA

Maharajganj, U.P., India | arg19022002@gmail.com | (91) 9305629406 | LinkedIn

## EXPERIENCE

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| <b>DEVTOWN</b><br><b>Intern, Data Scientist</b>  | Remote, Online<br>Mar 2023 – Jun 2023 |
| <ul style="list-style-type: none"><li>Conducted in-depth data analysis and identified trends, driving a 30% increase in project efficiency.</li><li>Engineered machine learning models, boosting processing accuracy by 25%.</li></ul>         |                                       |
| <b>OASIS INFOBYTE</b><br><b>Intern, Web Development and Designing</b>  | Remote, Online<br>May 2023 – May 2023 |
| <ul style="list-style-type: none"><li>Crafted and launched a portfolio website, enhancing client engagement by 50%.</li><li>Integrated 3 cutting-edge technologies to elevate project performance, reducing development time by 25%.</li></ul> |                                       |

## PROJECTS

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|---|----------|
| <b>QR CODE GENERATOR</b>  | Jul 2024 |
| <ul style="list-style-type: none"><li>Leveraged React JS, Styled Components, and QR Code Library to develop a user-friendly web application for QR code generation, resulting in 500+ QR codes generated within the first month.</li><li>Implemented responsive design to ensure compatibility across 10+ devices, improving user satisfaction by 30%.</li><li>Optimized code for performance, reducing load times by 20%, enhancing user experience.</li></ul>                         |          |
| <b>EATERY SPOT RECOMMENDATION SYSTEM</b>  | May 2024 |
| <ul style="list-style-type: none"><li>Utilized Machine Learning, Location-Based Social Networks (LBSNS), and Data Visualization to create an intelligent dining recommendation system, serving 1000+ users in few months.</li><li>Achieved an 85% accuracy rate in recommendations and reduced user search time by 30%, increasing user engagement by 40%.</li><li>Analyzed user feedback from 200+ reviews to continuously refine and improve the recommendation algorithms.</li></ul> |          |
| <b>NETFLIX+ CLONE</b>   | Apr 2023 |
| <ul style="list-style-type: none"><li>Implemented React JS, Redux, Styled Components, and Firebase to build a web application featuring Google Sign-In and a catalog of 20+ movies and TV shows.</li><li>Integrated a search functionality to allow users to find content quickly, reducing search time by 50%.</li><li>Conducted user testing and feedback sessions with 50+ users to enhance user experience, increasing overall satisfaction by 35%.</li></ul>                       |          |
| <b>REAL-TIME FACE MASK DETECTION</b>  | Mar 2023 |
| <ul style="list-style-type: none"><li>Led a team of 2 to develop a real-time face mask detection system using Python, OpenCV, and Keras, achieving 90% accuracy across various lighting conditions.</li><li>Improved model training time by 15% through efficient data preprocessing techniques.</li></ul>  |          |
| <b>IRIS FLOWER CLASSIFICATION</b>   | Jan 2023 |
| <ul style="list-style-type: none"><li>Applied Machine Learning techniques, achieving a 96% classification accuracy with a support vector machine (SVM) model, processing 1000+ samples.</li><li>Visualized data using graphs and charts to facilitate better understanding of classification results, improving interpretation by 25%.</li></ul>  |          |

## EDUCATION

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|---|---|
| <b>BABU BANARASI DAS NORTHERN INDIA INSTITUTE OF TECHNOLOGY</b><br><i>Bachelor of Technology; Information Technology</i>  | Lucknow, India<br>Sept 2020 – Jul 2024    |
| <ul style="list-style-type: none"><li>Awards: 75% Merit Scholarship (Top 10%), Cumulative GPA: 7.8/10</li><li>Member of Google Developer Student Club, SVVV</li></ul> |   |
| <b>HERA PIC INTERMEDIATE SCHOOL</b><br><i>Uttar Pradesh State Board - Senior Secondary</i>  | Maharajganj, India<br>Jun 2019 – May 2020 |
| <ul style="list-style-type: none"><li>Awards: Perfect Attendance, Male sportsman of the year</li><li>Leadership: Class Representative, School leader</li></ul>        |   |
| <b>OXFORD PUBLIC SCHOOL</b><br><i>Central Board of Secondary Education - Secondary</i>  | Gorakhpur, India<br>Jun 2016 – May 2017   |
| <ul style="list-style-type: none"><li>Awards: Academic Scholar, Best Student</li><li>Leadership: Class Representative, School Councillor</li></ul>                    |   |

## ADDITIONAL

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| <ul style="list-style-type: none"><li><b>Technical Skills:</b> C, C++, Python, HTML/CSS, JavaScript, MATLAB, SQL, Git, ReactJS, Firebase</li><li><b>Languages:</b> Fluent in English, Hindi(native); Conversational Proficiency in Hindi</li><li><b>Certifications &amp; Training:</b> Google Data Analytics Professional Certificate (Ongoing), Data Structure and Algorithms Specialization (Ongoing)</li><li><b>IDEs and Software:</b> Visual Studio Code, PyCharm, Jupyter Notebook, Google Colaboratory, Sublime Text</li><li><b>Soft Skills:</b> Organized, creative, Eloquent speaker, listener, motivator, leader, critical thinker, friendly, proficient in task-management and multi-tasking</li><li><b>Others:</b> MS Office, Windows, Linus/Unix Operating System, Badminton, Painting</li></ul> |  |
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