

# ATUL RAI

+916392598648 - Noida - [atulrai1810@gmail.com](mailto:atulrai1810@gmail.com) - [linkedin.com/in/atulrai](https://www.linkedin.com/in/atulrai) - [github.com/atulrai1820](https://github.com/atulrai1820)

## Education

- Bennett University, Greater Noida, India** *September 2021- June 2025*  
*Bachelor of Technology – Computer Science and Engineering* CGPA (until 5<sup>th</sup> Semester): **9.21**
- Intermediate** *April 2020- July 2021*  
*Aditya Birla Public School, Renukoot* Percentage: **94.2%**
- Matriculation** *April 2018- May 2019*  
*Bhavan's K.D.K Vidya Mandir, Renukoot* Percentage: **95.6%**

## Experience

- Data Scientist Intern** *December 2023-January 2024*  
*Bharat Intern*
  - Attained a 92% accuracy rate in classifying SMS messages, surpassing the project goal of 85%.
  - Implemented a predictive model with an 87% accuracy in determining survival outcomes for Titanic passengers.
  - Processed and classified over 10,000 messages, demonstrating scalability and efficiency in handling large datasets.
- Data Analytics Intern** *June 2023-July 2023*  
*UTL Solar, Greater Noida*
  - Designed a streamlined HR dashboard with Power BI and MS Excel, reducing HR data analysis time by 30%.
  - Engineered integration of HR metrics, leading to a 15% improvement in HR data accuracy.
  - Collaborated to achieve a 20% improvement in data-driven HR decision-making.
- Frontend Developer Intern** *January 2022-February 2022*  
*Xciteducation Foundations*
  - Employed HTML, CSS, and JavaScript, boosting web app UI/UX for enhanced engagement and 15% faster loading times.
  - Partnered with senior developers to troubleshoot and resolve frontend issues, ensuring efficient project execution.

## Projects

- Fun Zone:** Crafted Tetris, Tic Tac Toe, Puzzle, and Ben10 Bird games using **Java Swing** and **AWT**, seamlessly blending captivating visuals, intuitive interactions, and engaging gameplay to offer players an immersive experience.
- ChatPulse Analyzer:** Led a modular project focused on Social Media sentiment analysis utilizing Machine learning and NLP techniques. Secured a remarkable **95% accuracy** rate in categorizing Twitter content.
- TimePlanerex:** Pioneered an autonomous timetable generator using Genetic Algorithms and SQL, achieving a significant 25% enhancement in scheduling efficiency. The implementation resulted in an annual time-saving of 100 hours.
- TrendyTips:** Constructed a personalized fashion recommender using Deep learning, tailoring algorithms for individual preferences. Employed Resnet-50, NumPy, and pandas for a continuous **20% improvement in accuracy**.
- Musify:** Engineered a responsive and engaging music website frontend using HTML, CSS, JavaScript, and React. Designed to provide users with a seamless experience, the platform facilitates effortless exploration and enjoyment of music.

## Skills

**Programming Languages:** Data Structures and Algorithms | Python | C++ | Java | HTML | CSS | JavaScript | SQL | Object Oriented Programming  
**Technical Skills:** MS Excel | Git | Software Development | Data Analytics | Data Science | Machine Learning | React | Spring Boot  
**Soft Skills:** Fluency in English | Effective Communication

## Certifications

- Aerial Robotics (University of Pennsylvania).
- Machine Learning with Python (IBM).
- Predictive Modeling and Analytics (University of Colorado).

## Achievements

- Secured 95th national rank and 2nd college rank in Codekaze National Coding Competition.
- Achieved 1st rank in a GeeksforGeeks Hackathon.
- Received a Letter of Recommendation for outstanding academic achievement (**SGPA-9.54**).
- Served as School Council Head Boy, leading and representing the student body.
- Qualified for the National Defense Academy (NDA) Entrance Examination.