

Ankush Kashyap

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Education

Chandigarh University

B.E (Computer Science) CGPA: 7.53

Punjab, India

2020-2024

Work Experience

Ascella InfoSec

Software Engineer Intern

Remote

Aug 23-Present

- Spearheaded the **development and enhancement of the Ascella Groups Page**, incorporating interactive verticals and engaging animations to significantly improve user experience and satisfaction.
- Implemented performance **optimization techniques** that resulted in a smoother and more responsive interface, ensuring a seamless user experience across the platform.

WiperSpray

Data Analyst Intern

Mohali

Sep 23-Nov 23

- Analyzed booking patterns, optimized service availability, and **reduced customer wait times by 12%**.
- Implemented process improvements and automation solutions, resulting in **15% increase** in productivity.
- Produced 7+ comprehensive reports and presentations **summarizing findings and recommendations**, for driving actionable outcomes.

Achievements

- Solved **300+** problems on [LeetCode](#).
- Secured **4th** spot in the “Namma Yatri Open Mobility Challenge”.
- Google Hash Code **2022**: Global runners-up with **2281905pts**.
- Secured Silver Medal in International Cyber Olympiad **2017 and 2018**.
- Organized and Managed all Intra & Inter School Activities as a **House Captain**.

Projects

BGMI Game Prediction | Python, Machine Learning, CatBoost Model, SQL | [Source Code](#)

- Developed a predictive model using Python and **CatBoost** Model to forecast a player's final placement in BGMI matches with **93% accuracy** on the test set.
- Collected and preprocessed a dataset of over **44,00,000 BGMI gameplay records**, engineering **26 features** related to player statistics, game dynamics, and match conditions.
- Documented project findings in a comprehensive report, quantifying the model's 93% accuracy.

Bike Sharing Demand | Python, Machine Learning, SQL, Kaggle | [Source Code](#)

- Developed Seoul bike-sharing model with advanced machine learning, **achieving a 35% accuracy** improvement over baseline models.
- Optimized performance by selecting **XGBoost**, resulting in a **20% boost** through hyperparameter tuning for heightened accuracy in handling intricate patterns.

Global-Connect | React, MongoDB, Multer, Express, NodeJs, Cloudinary | [Source Code](#)

- Designed and developed a **secure platform** facilitating diverse user interactions and connections, fostering a community of meaningful engagements.
- Integrated **Multer for seamless file uploads** and leveraged Formik for comprehensive **form validation**, optimizing the overall user experience and ensuring robust data integrity.

Skills

Languages & Technologies: C++, R, Python, JavaScript, Typescript, Machine Learning, Deep Learning, NLP

Developer Tools: Vs-Code, Git, Figma, AWS, Streamlit

Database: MongoDB, MySQL, Firebase, Planetscale

Frameworks: Bootstrap, Tailwind, Next.js, React.js, Tensorflow, Keras,

Certifications

[Google Data Analytics Professional](#)

[Infosys Data Science Professional](#)

[GFG Machine Learning and Data Science](#)