

# ANOUSHKA PANDEY

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[in Anoushka Pandey](#)



## EDUCATION

### RV UNIVERSITY

Bachelor of Technology (Hons.) in Computer Science

Pursuing Second Year, Semester Four

Expected Graduation: 2027

Cumulative GPA: 6.25

Relevant Coursework:

Computer Networks, Machine Learning, Cloud Computing, AIML | Fundamentals of C, Data Structures and Algorithms, Design and analysis of algorithms | DSCA, Embedded systems and Microcontrollers, Operating Systems, Computer Networks | Introduction to math, Linear Algebra, Probability-Statistics & Numerical values, Calculus | Data analysis with Python, Building Apps with Python, Algorithms with Python | | Introduction to Web Design, Object Oriented Programming with Java | | Bioinformatics: Bioinformatics Database Systems, Applied Mathematics for Biology, Data Structures and Algorithms

Bangaluru, KA

Sep 2023 – (Sep 2027)

### Global Indian International School

Pre-University Education (PCMC); Aggregate: 80%

Bangaluru, KA

Jun 2022- Jul 2023

## WORK EXPERIENCE

### INFOSYS SPRINGBOARD – COLLEARN SPORTS ANALYTICS INTERNSHIP

Remote (WFH)

Sports Analytics Intern

Jan 2025 – Mar 2025

- Engineered advanced performance analysis models using sports-specific KPIs under the guidance of Gaurav Sundararaman, enhancing athlete evaluation accuracy
- Applied comprehensive data cleaning and analysis techniques with mentorship from Saiprasad Kagne, resulting in actionable performance insights from raw sports data
- Collaborated on a group project analyzing rally strategies of badminton legends Lin Dan and Lee Chong Wei, identifying key winning patterns and tactical strengths
- Developed dynamic Tableau dashboards under expert training by Zoshua Colah, improving sports data visualization and stakeholder communication effectiveness.

### INTERN- NITTE (COLLABARATION VIA RVU)

May2024 – July 2024

- Designed interactive games and animations tailored for children using multimedia tools

## UNIVERSITY PROJECTS

### RESEARCH PAPER ON DIET TYPE AND FASTING GLUCOSE: A comparative study

Ongoing

- Conducted statistical analysis on NHANES data to investigate relationship between dietary patterns (low-carb, Mediterranean, high-carb) and fasting blood glucose levels
- Applied ANOVA, chi-square tests, and regression analysis to identify significant correlations between carbohydrate intake and glycemic control
- Discovered low-carbohydrate diets associated with lower mean fasting glucose (95.2 mg/dL) compared to high-carbohydrate diets (109.6 mg/dL)
- Established moderate positive correlation ( $r = 0.37$ ) between carbohydrate percentage and blood glucose, providing evidence-based insights for nutritional recommendations
- Utilized Python, pandas, scipy.stats, matplotlib, and seaborn for data preprocessing, statistical analysis, and visualization

### STOCK PRICE PREDICTION AND CLASSIFICATION USING LSTM AND MACHINE LEARNING MODEL Apr2025

- Built ML pipeline to predict ADANI stock prices and classify market movements
- Implemented LSTM neural networks and traditional models (Random Forest, Gradient Boosting)
- Applied time series analysis with 60-day sliding windows for price forecasting
- Optimized model parameters using GridSearchCV for improved accuracy

- Created interactive Gradio GUI for user-friendly stock predictions
- Utilized Python, TensorFlow/Keras, and scikit-learn for implementation

#### **IEEE CONFERENCE PROJECT – Assistive Ergonomic Keyboard**

Ongoing

- Developed an assistive ergonomic keyboard using optical key switches and the Nice!Nano microcontroller to enable efficient communication for partially paralyzed individuals.
- Presented innovative multi-key press processing and matrix scanning to enhance accessibility and typing speed.

#### **TRAINING & CERTIFICATION**

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<b>STRUCTURED INNOVATION:</b> Designed a Game (FLINGO) came 1 <sup>st</sup> Place (Patent design)	Ongoing
<b>PROGRAMMING IN MODERN C++ (NPTEL)</b>	Apr 2025
<b>AGILE SCRUM FOUNDATION</b> – SimpliLearn	Feb 2025
<b>SPARK FUNDAMENTALS I - IBM</b>	Feb 2025
<b>HADOOP 101- IBM</b>	Feb 2025
<b>BIG DATA 101- IBM</b>	Feb 2025
<b>BIG DATA FOUNDATION - Level 1 - IBM</b>	Feb 2025
<b>BIG DATA FOUNDATION - Level 2 - IBM</b>	Mar 2025
<b>GIT AND GITHUB FOR BEGINNERS-</b> Crash Course I – IBM	Apr 2025
<b>PARTICIPATION IN HACKATHONS:</b> Product Design Hackathon won 2 <sup>nd</sup> Place	Feb 2025
<b>PARTICIPATION IN HACKATHONS:</b> Vikasya AI ML HACKATHON	May 2025

#### **ADDITIONAL**

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##### **Skills:**

Languages: Python, C, Java, C++, JavaScript

Frameworks & Tools: Flask, React Native, Notion API, Git, Docker, Mongo DB, SQL, Biopython, NCBI

Soft Skills: Agile methodologies, Communication, Product Thinking

**Languages:** English; Hindi

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