

RAJDEEP TALUKDAR

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SKILLS

- Programming Languages:** JavaScript, Java, Python, SQL
- Frontend:** HTML, CSS, React, Next.js, Tailwind CSS, Bootstrap
- Tools & Technologies:** Git, Figma, Canva
- Soft Skills:** Time Management, Strategic Planning, Critical Thinking, Resilience

PROJECTS

[Ride Demand & Fare Pattern Analysis](#) | Python, Pandas, NumPy, Matplotlib, Seaborn December 2025

- Analyzed 100K+ ride-hailing records using Python, Pandas, and data analysis techniques to identify demand trends, pricing patterns, and customer behavior.
- Performed data cleaning and preprocessing using Pandas, handling missing values, outliers, and inconsistencies to improve dataset reliability.
- Conducted univariate, bivariate, and multivariate analysis to uncover relationships between ride demand, pricing, and trip patterns.
- Built data visualizations and statistical summaries to communicate insights on urban mobility trends and ride demand fluctuations.

[Chess Game](#) | Python, Tkinter September 2024

- Developed a 2-player chess game using Python and Tkinter with real-time move validation, game state management, and rule enforcement.
- Architected the underlying game logic, including complex move validation algorithms, piece-specific rules, and automated check/checkmate detection.
- Optimized the user experience by crafting an intuitive Tkinter-based chessboard interface, prioritizing responsive controls and visual clarity.

[Quizify](#) | HTML, CSS, JavaScript April 2024

- Launched a dynamic web application enabling users to create, categorize, and attempt interactive quizzes to boost engagement.
- Implemented features such as adding new quizzes, organizing quiz sets, and selecting different quizzes, improving the platform's functionality and usability.
- Designed a responsive and user-friendly interface using HTML and CSS, ensuring a consistent experience across different devices and screen sizes.

TRAINING

[Think Design Prototype – Summer Training on Design Thinking & Figma](#) | [Certificate](#) July 2025

- Completed a 5-week hands-on UI/UX training, learning the end-to-end design process including user research, wireframing, prototyping, usability testing, and responsive design.
- Designed wireframes, mock-ups, and interactive prototypes for web and mobile applications using industry-standard design tools while applying usability and user-centered design principles.
- Participated in design sprints and iterative improvements, analyzing user feedback and delivering a polished capstone project that demonstrates strong problem-solving and design execution.

CERTIFICATES

- Nutanix Certified Associate 6 | Nutanix | [Certificate](#) September 2025
- Introduction to Hardware and Operating System | IBM x Coursera | [Certificate](#) August 2024
- Complete Python Bootcamp | Udemy | [Certificate](#) February 2024

CO CURRICULAR ACTIVITIES

- Participated in a 24-hour inter-university CTF competition, Republic of Cyber Sentinels, worked in a 3-member team and achieving a Top 5 position through effective collaboration and problem-solving. January 2024
- Volunteered with a local NGO to teach computer literacy to high school students, enhancing their ability to use digital tools effectively. July 2024

EDUCATION

[Lovely Professional University](#) Phagwara, Punjab
Bachelor of Technology in Computer Science Engineering | CGPA: 7.04 Since August 2023

[Dr. Sarvepalli Radhakrishnan Academy](#) Nalbari, Assam
Intermediate | Percentage: 77% September 2020 – April 2022

[Dreamland English School](#) Nalbari, Assam
Matriculation | Percentage: 65% January 2019 - March 2020