

Devansh Rastogi

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EDUCATION

Indian Institute of Technology Madras <i>Bachelor of Science in Data Science and Applications</i>	Chennai, Tamil Nadu Jan. 2024 – Dec. 2027
Guru Gobind Singh Indraprastha University <i>Bachelor of Technology in Computer Science, Minor in AI & ML</i>	Dwarka, Delhi Sep. 2021 – July 2025

EXPERIENCE

Data Science Intern <i>IBM SkillsBuild — CSRBOX</i> <ul style="list-style-type: none">Acquired sound technical knowledge of data cleaning and preparation, statistical analysis and data visualizationTested this knowledge on the analysis of a real-world project through a case-studyLearned to interpret the results of the analysis and presented them effectively	Feb. 2024 – Mar. 2024 <i>Remote</i>
Blockchain Developer Apprenticeship <i>IBC Media</i> <ul style="list-style-type: none">Acquired good working knowledge of the Rust programming language and the Substrate frameworkDeveloped a blockchain-based decentralized application (dApp) on PolkadotKeenly absorbed smart contract intricacies and consensus mechanisms	Aug. 2023 – Oct. 2023 <i>Remote</i>
Liaison Officer <i>G20 Conference on Crime and Security in the age of NFTs, AI & Metaverse</i> <ul style="list-style-type: none">Facilitated collaboration among G20 nations' representativesEnsured seamless communication on emerging NFT, AI, and Metaverse challengesFostered collective strategies for global crime and security	July 2023 Gurugram, Haryana

PROJECTS

Hotel Reservation System <i>Ballerina, Choreo, React.js</i> <ul style="list-style-type: none">Implemented an API service using Ballerina programming language to demo a simple hotel reservation use caseDeveloped front-end using React.js and built this project as a part of a buildathon conducted at my collegeAcquired sound technical knowledge about Ballerina and Choreo conceptsDeployed the fully working Ballerina application on Azure cloud using Choreo	Feb. 2024
Classify Song Genres from Audio Data <i>Python, NumPy</i> <ul style="list-style-type: none">Applied machine learning algorithms to classify songs into genresPrepared the data set to apply principal component analysis (PCA)Trained a decision tree to classify the genreUsed cross-validation to evaluate the models	Jan. 2024 – Feb. 2024
Memorize! <i>Swift, SwiftUI</i> <ul style="list-style-type: none">A tile-based memory challenge made using Swift and SwiftUI in XcodeUser-selectable themes for a personalized gaming adventureScores determined using accuracy and completion-time parameters	Nov. 2023 – Dec. 2023

TECHNICAL SKILLS

Languages: Python, Java, C, C++, Swift, SQL, Latex, Arduino, Raspberry Pi
Frameworks: Docker, SwiftUI
Developer Tools: Git/GitHub, Docker/DockerHub, VS Code, Xcode, JupyterLab, RStudio, TeXShop

EXTRA-CURRICULAR ACTIVITIES

Sports: Engaged in active participation and proficient organization of basketball and cricket events
YouTube: Passionate YouTube content creator with 100+ subscribers, featuring technical and diverse content
Volunteering: Engaged in regular, independent volunteering activities involving the preparation and distribution of freshly cooked meals to individuals in need