

# Utkarsh Narain

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## EDUCATION

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### NORTHWESTERN UNIVERSITY – EVASTON ILLINOIS

SEP 2025 - DEC 2026

- COURSE: Master of Science in Artificial Intelligence (MSAI) | CGPA: 4/4
- RELEVANT COURSEWORK: Machine Learning, Deep Learning, Generative AI, NLP
- RELEVANT PROJECTS: Taxi Trip Demand Prediction, Predicting Vehicle Collision Causes

### INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY - INDIA

MAY 2020 - JUN 2021

- COURSE: Post Graduate Diploma in Data Science | CGPA: 3.76/4
- RELEVANT COURSEWORK: Applied Machine Learning and Deep Learning Techniques
- RELEVANT PROJECTS: Image Captioning, Gesture Recognition & Lead Scoring

### VELLORE INSTITUTE OF TECHNOLOGY – VELLORE, INDIA

JUN 2015 - MAY 2019

- COURSE: Bachelor of Technology in Information Technology | CGPA: 8.49/10
- RELEVANT COURSEWORK: AI, ML, Soft Computing & Web Technology
- RELEVANT PROJECTS: Face Recognition System, Food Safety Portal & F1 Dashboard

## WORK EXPERIENCE

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### NORTHWESTERN UNIVERSITY – PEER MENTOR

JAN 2026 - MAR 2026

- Mentored 164 students in CS211, guiding them on C++ OOP concepts and project workflows
- Reviewed assignments and provided constructive feedback to improve coding practices and efficiency

### VIRTUSA - DATA ANALYST

FEB 2023 - AUG 2025

- Automated data preparation & data validation processes using Python & Power BI for a UK-based banking client
- Analyzed over **300k customers** over **250+ parameters** to extract actionable insights for the stakeholders to support decision-making.
- Collaborated with ops team to identify and close **220k+ inactive or unsupported accounts** for closure reducing compliance risks and significantly reducing cost to migrate these customers.
- Awarded “**Super Squad**” award in FY 2025 for consistently exceeding client expectations

### VIRTUSA - SOFTWARE DEVELOPER

JUN 2019 - JAN 2023

- Designed and deployed a full-stack healthcare platform (AngularJS, SpringBoot, MongoDB) supporting over **11 million patients** across various platforms, enabling real-time data capture.
- Collaborated in Agile sprints, delivering bi-weekly demos to stakeholders and rapidly iterating on client feedback.
- Developed full stack solution using AngularJS, Java, SpringBoot & MongoDB.
- Awarded “**Dream Team**” recognition twice in FY 2022 for client delivery excellence

## PERSONAL PROJECT

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### DISCORD SERVER BOT

MAR 2021 - AUG 2025

- Developed a Discord Bot to automate server moderation garnering over **195k users** in 460+ servers
- Bot manages user interactions and executes custom commands, ensuring seamless functionality for the community 24/7.

## CERTIFICATIONS

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| • Virtusa Certified GenAI Assisted Engineer Program, via Mettl                              | JAN 2024 |
| • Microsoft Power BI Desktop for Business Intelligence, Maven Analytics by Udemy            | DEC 2024 |
| • Introduction to Generative AI Learning Path, 4 Course Series by Google Cloud Via Coursera | JUL 2024 |

## TECHNICAL SKILLS

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- PROGRAMMING LANGUAGES: Python (primary), Java, JavaScript, R, C++, HTML/CSS, Bootstrap
- DATA SCIENCE & VISUALIZATION: Pandas, NumPy, TensorFlow, Power BI, Excel, pyDatalog