

Nivetha Ramesh Babu

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To solve practical data-driven challenges and make significant contributions to the field, I'm looking to enhance and showcase my knowledge and skills in Data Analytics, Data Science, and Machine Learning.

EDUCATION

Vellore Institute of Technology (VITB) – Bangalore, KA

Post Graduate Program in Data Science

June 2024

- **Relevant Skills:** Data Structures, Statistics and Probability, Python for Data Analytics, DBMS, Machine Learning Algorithms, Data Visualization, Big Data Analytics, Neural Networks, Data Modeling, Deep Learning, Fundamentals of AI, LLM, Deep Learning, Computer vision, Autoencoders, Natural Language Processing.

Auxilium College (Autonomous) – Vellore, TN

Master of Science in Mathematics

August 2019

- **Relevant Coursework:** Mathematical Statistics, Linear Algebra, Numerical Analysis, Operational Research.

Auxilium College (Autonomous) – Vellore, TN

Bachelor of Science in Mathematics

April 2017

- **Relevant Coursework:** Mathematical Statistics, Linear Algebra, Numerical Analysis, Calculus, Vector Algebra.

EXPERIENCE

Cloud Counselage Private Limited, Mumbai, India

Artificial Intelligence Intern – Remote

June 2024 – Present

Actively participate in industry training as well as working on a real-life project by incorporating social media API into creating a chatbot that responds to customers' needs on all platforms either by text or speech using Machine Learning, Artificial Intelligence, Generative AI, and Python, which helps to advance the practical knowledge and problem-solving capabilities of data scientists.

Self-Employed, TN, India

Online Tutor / Math (Canada Curriculum)

Nov 2022 – May 2024

- Collaborating with students and parents to determine Canadian student demands, develop tutoring plans, or assess students' progress. Identified and specified strategies aimed at teaching innovations and translated them into actionable objectives.
- Optimized and analyzed student's data and created reports using MS Excel to understand students' performance as it reached from 40% to 85%.

Focus Edumatics Pvt Ltd, Coimbatore, TN, India

Online Tutor (FEV) / Math (USA Curriculum)

Feb 2022 – Sep 2022

- Deliberated with co-tutors and fellow USA students on issues concerning barriers to student learning. Learned AI-enhanced e-learning products.
- Evaluated students' learning styles and provided appropriate techniques for complete

understanding.

- Modified instructional methods and AI-enhanced strategies aided students to improve their academic performance by 100% over a semester.

Block Development Office, Arcot, TN, India

Junior Data Analyst (part-time)

Jan 2020 - Jan 2021

- Developed an Excel spreadsheet model for the valuation of the government's revenue prospects over the next ten years.
- Optimized, analyzed, and redesigned the system to reduce financial costs by 40% and system size by 20%.
- Appraised the final results of the analysis to senior management at the Block Development office. Conducted weekly government client update sessions.

VOLUNTEER WORK

Skela Academy, Chennai, TN, India

Quant Trainer – Freelance

Feb 2021 - Dec 2022

- Provided thorough training courses on quantitative ideas, encouraging students to comprehend difficult arithmetic problems on a deeper level.
- Personalized mentoring and coaching were given to people looking to improve their mathematical abilities; real-world examples and insightful commentary were given to ease the requirement for theoretical understanding of quantitative questions.

SKILLS

Python, SQL, Data Analysis, Exploratory Data Analysis, Data Visualization, Data Science, Data Modeling, Statistics, Probability, Extract Transform Load (ETL), Machine Learning, Deep Learning, PowerBI, Tableau (Dashboard), Minitab.

INTERESTS AND ACTIVITIES

Story-Telling ❖ Teaching Innovations ❖ Reading Articles ❖ Drawing ❖ Badminton