Priyansh Aggarwal

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Aspiring Machine Learning Engineer with a strong foundation in AI/ML, data structures, statistics, and databases. Skilled in building, deploying, and optimizing machine learning models to create scalable, real-world solutions. Passionate about transforming data into intelligent systems that drive innovation, enhance efficiency, and deliver measurable business value.

TECHNICAL SKILLS

Languages: Python, Java, SQL
Databases: MySQL, Oracle Database *(basic)*
Cloud: AWS, Oracle Cloud (APEX)
AI/ML: Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, TensorFlow *(basic)*
Other Tools & Platforms: Git, GitHub, VS Code, Postman, MATLAB, Linux, macOS

INTERNSHIPS / PROJECTS

AIRCOM International India Pvt.Ltd.   **Delhi, India**
Data Science Intern   May,2025 to June,2025
• Worked as a Data Science Intern on real-time telecom industry data to develop a machine learning model for identifying optimal repeater locations between cell towers and users. Collaborated with a mentor to analyze signal patterns and geographic data, helping improve network coverage and support efficient infrastructure planning.

HCRSystem   Sept, 2024 to Dec,2025
• Healthcare recommendation system that leverages patient symptoms to predict potential diseases using machine learning. Collaborated with a mentor to preprocess and analyze medical datasets, train and evaluate predictive models, and generate accurate health recommendations to support timely diagnosis and improved patient care.

Neural Network Implementation from Scratch *(Mathematics-Driven)*   Aug, 2025 to present
• Built a neural network entirely from first principles using only mathematical operations. Implemented forward propagation, backpropagation, and gradient descent without any ML libraries, gaining a deep understanding of the mathematics behind neural networks.

E   D   U   C   A   T   I   O   N

UNDERGRADUATE DEGREE
VIT Bhopal University

8.72(as present)

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Bhopal,India

Sept ,2025 to May,2027(as expected)
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SCHOOL
St.Xaviers's School

92.5%(10th)
75.2%(12th)

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Delhi,India

Mar,2020 to March,2023
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ADDITIONAL INFORMATION

Certifications

- Oracle APEX Cloud Developer – Oracle

- Oracle Certified Professional: Java SE 11 Developer – Oracle

- Introduction to Machine Learning – NPTEL

- Operating System (Linux) – Google

- The Bits and Bytes of Computer Networking – Google

- Postman API Fundamentals – Postman

- MATLAB Certified – MathWorks

- Machine Learning Using Python – IIT Kanpur

- AWS Certified Cloud Practitioner – Amazon Web Services

Hobbies & Interests

- **Programming & Development** – Enjoy creating machine learning models, web applications, and automation tools from scratch.

- **Problem Solving** – Regularly solve algorithmic and data structure problems on competitive programming platforms.

- **Tech Exploration** – Interested in experimenting with cloud computing, AI innovations, and emerging technologies.

- **Gaming & Strategy** – Enthusiastic about strategy-based PC and mobile games that require planning, analysis, and quick decision-making.

- **Reading & Research** – Keep up-to-date with technology trends through research papers, blogs, and AI/ML articles.