

VEDANT BRAHMBHATT

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EDUCATION

New York University

Master's, Management of Technology

September 2025 - May 2027

Pandit Deendayal Energy University, PDEU

Bachelor's, Computer Engineering

May 2021 - May 2025

PROFESSIONAL EXPERIENCE

Indian Space Research Organization (ISRO)

AI-ML Developer - Intern

Ahmedabad, GJ, India

December 2024 - May 2025

- Led product development and rollout of AI-powered assistant: cut debugging cycles by 40%, saving ~5000+ hours
- Mapped and deployed Network and Endpoint security models, saving ~\$60000 annually and increasing accuracy to 93%
- Created roadmap and user stories; delivered multiple AI-powered products, including 3+ Network security models, 2+ LLMs.

Indian Institute of Technology Hyderabad IITH

AI-ML Research Intern

Hyderabad, TG, India

May 2024 - May 2025

- Mapped research into enterprise-ready frameworks; aligned with large-scale adoption at Meta & Google research groups
- Evaluated and delivered product with an improvement of 2% in privacy for customer needs and enterprise data
- Conducted market research and user research for a potential academic to enterprise transition with task prioritization.

Reliance Jio Infocomm Limited

Network Performance Analyst intern

Mumbai, MH, India

May 2024 - August 2024

- Built 2+ nationwide data dashboard for 4G and 5G networks to spot bottlenecks, improving the reliability of 5M+ users
- Developed and deployed inter-management production tools, such as a data management and data analytics portal.
- Evaluated user feedback for product performance and troubleshoot with QA engineers, impacting 2+ states in India.

LEADERSHIP EXPERIENCE

National Service Scheme

Leader

March 2022 - May 2023

- Managed a cross functional team of 25 and 400+ student volunteers, assisted faculty in governing a credited course.

IEEE Computer Intelligence Society PDEU

Technical Head

May 2023 - May 2024

- Designed and delivered lab workshop materials for 3+ student workshops on Machine Learning, Data Science and Python.

IEEE Computer Intelligence Society PDEU

Vice Chair

April 2024 - May 2025

- Lead of the committee responsible for financial budgeting, resource and workforce management for more than 150+ students.

PUBLICATION & PATENT

Protectify – AI Access Control System (IEEE-ICETA 2025)

- Built a GenAI-powered access control product, saving \$20/unit and outperforming iPhoneX FaceID by +32%.
- Evaluated and optimized for battery (-4.6%) and tested cross-platform reliability across Windows, macOS, and Linux.
- Reduced latency in the authentication pipeline by 18%, ensuring real-time performance with constant monitoring.

Founder, GrubOut (Patent: IN202421090471)

- Directed end-to-end product lifecycle for a 3D holographic dining platform; filed and secured patent.
- Managed MVP (Minimum Viable Product) delivery with investor alignment, and a strategy with real-world user validation.
- Coordinated backlog and led a 5-member team, driving innovation from ideation to prototype development

SKILLS

Management: Product Management, Product Design, Project Management, Product-Market fit Analysis, Product Strategy, cross-functional, go-to-market, Communication, Stakeholder Management, Team Leadership, Market Research, Business Analytics, Branding/Brand Strategy, Cursor, Presentation, Agile

Technology: Python, AI/ML, Data Science, Cloud, Natural Language Processing (NLP), LLM, Machine Learning, Git, Tableau, Docker, Power BI, AWS, MySQL, Postgres, MongoDB, Django, Figma, HTML/CSS, C/C++, excel