

EDUCATION

B.Tech Computer Engineering (Data Analytics and Language Processing) • <i>Pillai College Of Engineering</i> CGPA - 8.54	2021 – 2025 <i>Panvel, Navi Mumbai</i>
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EXPERIENCE

Data Engineer Intern • <i>Blank Analytica</i> <ul style="list-style-type: none">Developed high-performance web scraping scripts using Selenium with threading, increasing data retrieval speed by 80% and reducing data acquisition time by half.Integrated RESTful APIs to facilitate real-time data ingestion, increasing data freshness for business intelligence by 90%.Created an optimized relational schema in MySQL, lowering query response times by 35% to enhance data accessibility.	Oct 2024 – Present <i>Remote</i>
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PROJECTS

Vayu (AI Therapist) [<i>Flutter, Firebase, React.js, Gemini 1.5, Express.js</i>] <ul style="list-style-type: none">Engineered an innovative AI therapist made to ease mental stress and provide emotional help.Integrated meditation, breathing guides, and CBT tests to enhance user experience.Implemented mood tracking and journal features, supporting a diverse user base.	Oct 2024
GAN-Based Pneumonia Detection System [<i>Python, Numpy, Matplotlib, PyTorch</i>] <i>Final Year Project</i> <ul style="list-style-type: none">Engineered GAN-based models for classifying pneumonia, achieving groundbreaking accuracy of 98.7% on 5,000+ chest X-ray images.Improved classification pipeline by 10% using GAN feature extraction combined with stacked classifiers.Experimented with DCGAN, ACGAN, and WGAN-GP, optimizing results through feature extraction techniques.	Aug 2024
VyavaSahayak (Bhashini Sprint 1.0) [<i>React.js, Express.js, MongoDB, Python</i>] <ul style="list-style-type: none">Developed a multilingual onboarding solution, significantly reducing the need for manual translation and streamlining the process.Leveraged Bhashini and Gemini to automate the creation of product descriptions, speeding up content generation considerably.Improved onboarding efficiency, enhancing business operations and enabling expansion into diverse markets.	June 2024

ACHIEVEMENTS

Winner - Google Gen AI Hackathon - Led the talented team to the finals and successfully presented the project to industry experts.
Runner-Up - Bhashini Sprint 1.0 - Competed with innovative startups in the e-commerce domain.
Top 5 - HackCelestial Hackathon 2024 - National-level Ed-tech competition.
Top 2% Globally - Unstop - Achieved a rank within the top 2% globally (under 23,000 participants).
Top 5 - HackOverflow Hackathon 2024 - Blockchain based solution for secure EHR management.
Coding Profiles: Solved over 300 problems on [LeetCode](#), [Codeforces](#), [Kaggle](#), [HackerRank](#).

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, Java, C, Dart, SQL
Frameworks & Libraries: PyTorch, React.js, Express.js, Flutter, NumPy, Tensorflow, scikit-learn
Databases: MongoDB, MySQL, Firebase
Tools & Technologies: Selenium, Git, Kaggle, Firebase, Jupyter Notebook, GANs, NLP

CERTIFICATIONS

• IBM Data Science Specialization <i>Coursera</i>	• Deep Learning Specialization (DeepLearning.AI) <i>Coursera</i>
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