VIDHYABATHI K

📞 +91-6374475804 ✉ kk3777096@gmail.com 🔗 linkedin.com/in/vidhyabathi-k 📍 Kancheepuram, India

Professional Summary

Aspiring Data Scientist and AI Engineer with hands-on experience in machine learning, data analytics, and AR/VR development. Proven track record of delivering data-driven solutions through internships and academic projects. Proficient in Python, SQL, and cloud technologies with strong foundation in statistical analysis and predictive modeling.

Education

Bachelor of Technology in Artificial Intelligence and Data Science 2022 − 2026
Prathyusha Engineering College, Thiruvallur *CGPA: 8.15/10*

Senior Secondary (XII) 2021 − 2022
Sannathi School, Vandhavasi *79%*

Secondary (X) 2020 − 2021
Sannathi School, Vandhavasi *83%*

Experience

Data Science Intern Jul 2025 − Aug 2025
Luminant Works, Chennai
- Developed machine learning models using Python, achieving project deliverables within tight deadlines
- Implemented data collection and analysis workflows using SQL and Google Cloud Platform
- Earned certifications in Informatica Fundamentals and Reltio Fundamentals during internship
- Collaborated with development team to optimize database performance and data processing pipelines

Digital Marketing Intern 2024
On Client Demand, Chennai
- Analyzed marketing trends and campaign performance data to optimize audience engagement strategies
- Developed data-driven insights for brand visibility improvement, resulting in enhanced campaign ROI
- Applied analytical skills to measure campaign performance and digital outreach effectiveness

Technical Skills

Programming Languages: Python, SQL, MySQL
Data Science & Analytics: Machine Learning, Data Analytics, Statistical Analysis, Predictive Modeling
Tools & Platforms: Power BI, MS Excel, Google Cloud Platform, TensorFlow, PyTorch, MongoDB
Visualization & Design: Canva, Blender
Emerging Technologies: AR/VR Development, Unity, IoT
Soft Skills: Problem Solving, Teamwork, Technical Communication

Key Projects

Product Demand Prediction Web Application | *Python, Machine Learning, Data Analytics*
- Built machine learning models to forecast product demand using historical sales data
- Implemented data preprocessing and feature engineering techniques for improved accuracy

Object Detection System (IoT) | *TensorFlow, PyTorch, Computer Vision*
- Designed and trained deep learning models for real-time object classification in images and videos
- Integrated IoT components for seamless data collection and processing

Student Management System | *Web Development, Database Management*
- Developed comprehensive web application with automated report generation capabilities
- Created analytics dashboard for tracking student attendance, grades, and performance metrics

VR Gaming Environment | *Unity, 3D Development, AR/VR*
- Designed immersive virtual reality experience with realistic 3D environments

Certifications

Data Analytics and Visualization Job Simulation — Accenture (Sep 2024)
Introduction to Data Analysis using Microsoft Excel — Coursera (Sep 2024)
SQL and Relational Databases 101 — Cognitive Class (Aug 2024)
Cloud Computing Fundamentals — Infosys (Aug 2024)
MongoDB — Infosys Springboard
Python 101 for Data Science — Cognitive Class

Leadership & Achievements

Event Coordinator: Organized technical events including Privriti and Dr. Abdul Kalam's Presence Day workshops
AR/VR Training Coordinator: Led training programs and delivered seminars on VR real-world applications
Competition Participant: Codeathon 3.0 (2024) and AR/VR Hackathon Horizon 8 with TANSAM and Siemens