

NANDANA K

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PROFESSIONAL SUMMARY

Highly driven and dedicated Data Science student with a strong passion for innovation and applying technology to solve real-world problems. Quick learner with strong interest in emerging technologies and delivering impactful solutions. Established the Game Development Club at college, actively served in multiple student organizations, and played a key role in organizing both technical and scultural fests. Committed to excellence and consistently producing high-quality work.

WORK EXPERIENCE

Internship at PaceLab

June 2025

- Assisted in developing and optimizing AI models, performed data preprocessing, and collaborated with teams to implement AI-driven solutions, including projects on fake news detection and smart health risk predictor.

Micro Internship at TATA Group (via Forage)

March 2025

- Completed a virtual micro internship focused on Data Visualization: Empowering Business with Effective Insights, gaining hands-on experience in extracting, analyzing, and visualizing business data to support decision-making.

EDUCATION

B.Tech in Computer Science and Engineering with Specialization in Data Science

October 2022 – June 2026

Mar Athanasius College of Engineering, Kothamangalam | CGPA: 8.9 (up to Semester 5)

Higher Secondary Education

June 2020 – March 2022

G.H.S.S Pallikkunnu, Kannur | 96.67% in State Board Exam

High School Education

March 2020

Chinmaya Vidhyalaya Kannur, Kerala | 94.8% in CBSE Board Exam

SKILLS

Languages, Databases & Web: Python, Java, C, R, SQL, HTML/CSS

Technologies & Tools: Power BI, GitHub, VS Code, Jupyter Notebook, Flask, Hugging Face Transformers

Technical Skills: Data Analysis, Machine Learning, Data Visualization

Soft Skills: Problem Solving, Critical Thinking, Communication, Leadership, Collaboration, Adaptability

PROJECTS

Personal Portfolio Website – Showcasing AI, ML & Web Projects

- Designed and built a personal portfolio website to highlight academic, achievements and personal projects. The site features machine learning, data science, and front end development work, offering a professional snapshot of skills, experiences, and achievements in a user-friendly interface.

AI Meeting Summarizer – Automated Transcription & Summarization using Whisper & BART

- Developed a pipeline to automate meeting transcription and summarization. Converted MP4 meeting recordings to MP3, transcribed audio using Whisper (Hugging Face), and generated concise summaries using DistilBART. The model handled long-form speech with chunked inputs and returned accurate time-stamped text and summaries.

MetroFlow – Passenger's Origin-Destination Distribution Prediction Over Metro Networks

- Designed and implemented an Origin-Destination prediction system using Multinomial Logit Model (MNL) and processing Automatic Fare Collection (AFC) data. The model accurately forecasted passenger flow and congestion patterns, aiding in fare optimization and improving metro network efficiency.

CERTIFICATIONS

- Mastering Generative AI and ChatGPT – GeeksforGeeks
- Google Data Analytics Professional Certificate (In Progress)

POSITION OF RESPONSIBILITY

- Esports Team Lead | Game Development Club MACE March 2025 – Present
- Club Lead | Game Development Club MACE February 2024 – March 2025
- Co-Lead | Sanskriti '25 College Arts Fest Team February 2025 – March 2025
- Co-Lead | MACE Dance Club April 2025 – Present
- Design Team | NetX MACE December 2022 – March 2023