

MOHAMMED MUSTHAF

STUDENT — MSc Computational Data Science

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PROFILE

Enthusiastic and motivated graduate student specializing in AI and data science, with experience in machine learning, data analysis, and full-stack development. Seeking opportunities to apply analytical and engineering skills in high-impact teams.

EDUCATION

- **MSc, Computational Data Science** 2025–
Khalifa University, UAE
- **B.Tech, AI and Data Science** 2021–2025
Jyothi Engineering College, APJ Abdul Kalam Technological University | CGPA: 8.02/10
- **Higher Secondary, Computer Science** 2021
Chavara Public School, Pala | CBSE | 91.8%
- **10th Grade** 2019
Carmel CMI School, Shoranur | CBSE | 94.6%

PROFESSIONAL EXPERIENCE

- **Data Science Intern** Jun 2024–Jul 2024
Oracuz Infotech, Trivandrum
Analyzed datasets, built ML models, tuned hyperparameters, and created visualizations for insights.
- **Full-Stack Development Intern** May 2023
Tech ByHeart, Kochi
Built end-to-end features across the SDLC; improved app performance and reliability.
- **Data Science Intern** Oct 2022–Dec 2022
Teachnook
Cleaned data, engineered features, and optimized models to enhance accuracy.

PROJECTS

- **AI Music Synthesizer**
Developed an AI system to generate custom music using GAN-based pipelines. *C++, Python*
- **Sentiment Analysis of Malayalam Movie Reviews (BERT)**
Led a team building sentiment analysis for Manglish reviews; deployed a classifier. *Python, NLTK*
- **BinTrackPro**
Designed an efficient solid-waste management solution with tracking and alerts. *HTML, CSS, JS, Python*
- **Portfolio**
Built a personal portfolio site with responsive UI. *HTML, CSS, JS*

SKILLS

- **Languages:** Python, R, Java, C, Shell, HTML, CSS, JS
- **Frameworks:** TensorFlow, PyTorch, scikit-learn, Keras
- **Data:** Pandas, Matplotlib, Seaborn, Tableau, Power BI
- **Tools:** SQL, MySQL, Git/GitHub, Linux

ACHIEVEMENTS & CERTIFICATIONS

- Top-10 Award, *BinTrackPro*, Karthavya Hackathon Mar 2024
- NPTEL: Deep Learning (12-week), Data Science for Engineers (8-week)
- Certifications in Data Analytics, AI, Web Development, Machine Learning

OTHER

Volunteering: General Secretary; CSI Professional Body Member; Class Representative

Languages: English, Malayalam, Hindi, Arabic, Tamil

Interests: Reading, Football, Travelling, Movies, Gym