

Naheel K K

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EDUCATION

MES College of Engineering

Kerala, India

Master of Computer Applications(MCA)

Expected Graduation, May 2026

- **GPA:** 8.9/10
- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming,, Machine Learning, Artificial Intelligence, Object-Oriented Programming.

Farook College, Calicut

Kerala, India

B.Voc Software Development

2021-2024

- **GPA:** 9.2/10
- **Related Coursework:** Data Structures & Algorithms, Operating Systems, Machine Learning, Flutter Development.

Internships

TGH Tech

Kochi, Kerala

Flutter Developer Intern

Jan 2024 – Mar 2024

- Developed and implemented core UI widgets, including Buttons, List Views, and Image renderers, contributing to a highly responsive and intuitive user experience.
- Managed application state effectively using Stateful Widgets to ensure seamless data flow and UI updates.
- Integrated RESTful APIs into a dynamic news application to fetch, parse, and display real-time data from various sources.

PROJECTS

Factify: AI-Powered Fact-Checking Assistant

- Engineered a high-accuracy fake news detection system by fine-tuning BERT models on the WELFake dataset.
- Designed and implemented a complete data preprocessing, model training, and evaluation pipeline using Python, PyTorch, and Hugging Face.
- Developed a scalable FastAPI backend to serve the model, providing real-time predictions and generating explanations for classification results.

RAG-Based Question Answering System

- Built an intelligent Retrieval Augmented Generation (RAG) system from the ground up using LangChain and Hugging Face models.
- Engineered an efficient data retrieval pipeline by implementing document chunking, generating vector embeddings (all-MiniLM-L6-v2), and indexing with a FAISS vector database for rapid similarity searches.

ACTIVITIES AND LEADERSHIP

TinkerHub

Calicut, Kerala

Campus Core Team Member

June 2023 – Mar 2024

- Mentored fellow students in software development through hands-on coding sessions and project-based learning initiatives.
- Coordinated with technology companies to organize guest lectures and secure internship opportunities for members.

SKILLS

Programming: Java, Python, JavaScript, HTML/CSS, SQL, Node.js, React.js

Tools: Android Studio, IntelliJ, PyCharm, Eclipse, Jupyter Notebooks, Git, Bootstrap, Agile