FATHIMA S *Analyst*

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Profile

As a passionate Computer Science Engineering graduate, I have a strong foundation in software development and coding. My experience spans cybersecurity, machine learning, and app development, with exposure to data analytics and SQL. I am always eager to learn and stay updated on emerging technologies, continuously striving to enhance my skills and contribute effectively to dynamic and data-driven environments.

Education

2021 – 2025 **B Tech in Computer Science and Engineering**
College of Engineering Perumon
CGPA : 8.83

2019 – 2021 **XII Std**
GHSS Vellamanal
Grade : 98.92%

Skills

Python	Microsoft Excel
SQL	C
Java	App Development (Flutter)
Machine Learning	Power BI

Projects

2025 **Malware Detection for Enhanced Cybersecurity using Deep Learning**
Designed and implemented a deep learning-based system for detecting malware by converting binary files into grayscale images. Trained a Convolutional Neural Network (CNN) model to classify various malware families with high accuracy. Tackled challenges such as class imbalance and optimized model performance through data preprocessing

2024 **MoneyDetect - A Currency Detection App for Visually Impaired using Machine Learning**
Developed a machine learning-based currency detection system to assist visually impaired individuals in identifying different denominations. The model accurately detects and classifies currencies using image recognition, providing real-time audio feedback for user convenience and accessibility

Organisations

2023 – 2024 **National Service Scheme**
Design Head

Interests

Data Analytics ‖ Cybersecurity ‖ Project Management