

Farisha N A

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PROFESSIONAL SUMMARY

MCA student with strong foundations in programming, databases, and web development. Interested in Python and Django based development with experience in building academic and personal projects. Passionate about problem solving and learning modern software technologies.

PROJECTS

Virtual Classroom Management System | *PHP, MySQL, JavaScript, Firebase*

- Developed a web based platform for managing virtual classrooms, assignments, and quizzes.
- Implemented assignment submission tracking and quiz evaluation features.
- Enabled teacher student communication using Firebase.

AlgoSort Visualizer | *React, Node.js, MySQL*

- Built an interactive web application to visualize sorting algorithms step by step.
- Implemented animated array visualizations with adjustable execution speed.
- Designed backend services to manage algorithm execution history.

Content Moderation System | *Python, Django, SQL*

- Developed a backend system to detect and flag abusive or violent text content.
- Implemented rule based filtering using keyword datasets.
- Designed moderation workflows for reviewing flagged content.

Markdown Note Taking Tool | *Java, Spring Boot*

- Developed a note taking application with markdown editing and live preview support.
- Implemented folder based organization for creating, updating, and deleting notes.
- Designed a user friendly side by side editor and preview interface.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, PHP, SQL, JavaScript

Web Technologies: HTML, CSS

Frameworks: Django, React

Databases: MySQL

Developer Tools: Git, VS Code, PyCharm

EDUCATION

Mar Athanasius College of Engineering

Master of Computer Applications

Kothamangalam, Ernakulam

July 2025 – March 2027

MES College

Bachelor of Computer Applications, CGPA: 9.18

Marampally, Ernakulam

July 2022 – March 2025

ACHIEVEMENTS

- Secured **9th Rank** in **BCA** under **Mahatma Gandhi University**.
- Secured **1st Rank** in **LBS Kerala MCA Entrance Examination**.

CERTIFICATIONS

- NPTEL – Programming with Generative AI
- NPTEL – Linear Algebra
- IIT Bombay Spoken Tutorial – Java, C, Python, PHP & MySQL, Linux
- IBM SkillsBuild – AI Fundamentals
- ASAP Kerala – Basic Proficiency in English

RELEVANT COURSEWORK

Data Structures and Algorithms — Database Management Systems — Operating Systems — Computer Networks — Software Engineering