



## Emilin Sana K S

BTECH INFORMATION TECHNOLOGY  
SEMESTER 3  
COCHIN UNIVERSITY OF SCIENCE AND  
TECHNOLOGY  
GPA: 9.6 (S1) | 9.8 (S2)  
(EXPECTED GRADUATION:2028)

### CONTACT

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### EDUCATION

Sree Narayana Higher  
Secondary School  
2022-2024  
Ayyappankavu East Road,Kochi  
Higher Secondary, Computer Science  
99%

## RESUME

Motivated IT undergraduate student with strong academic performance and foundational experience in computational thinking and artificial intelligence. Skilled in programming, web development, and public speaking. Seeking internship opportunities to gain hands-on industry experience.

### EXPERIENCE

#### MathWorks

*Intern / June 2025*

#### Introduction to Computational Thinking and Basics of Artificial Intelligence using MATLAB and Simulink

- Applied core Artificial Intelligence (AI) workflow concepts to build and simulate predictive models using MATLAB.
- Developed algorithmic models and visualized complex system behaviors using Simulink to analyze and demonstrate computational thinking principles.

### SKILLS

- Programming: C++, Java
- Web Development: HTML, CSS, Node.js, Flask, PHP
- Hardware: Arduino
- Tools: MATLAB, Simulink, Git

### PROJECTS

MCP Server (FastAPI + CCXT)- Built a FastAPI-based MCP server delivering real-time crypto prices, historical OHLCV data, and WebSocket live updates, with async CCXT integration, in-memory caching, modular design, and full automated testing.  
<https://github.com/Emilin24/MCPServer>

CodeMosaic- Web tool that auto-generates commit schedules to create pixel-art patterns on GitHub contribution graphs.  
<https://github.com/Emilin24/CodeMosaic>