ARITRA SARKAR

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ABOUT ME

I am a passionate programmer and a big supporter of Open Source Software.

TECHNICAL SKILLS

Programming Expertice:

C, C++, Java, Python, Haskell, Shell, Rust, JavaScript, php, SQL, Assembly (ARM, RISC-V, x86)

Web Development:

Frontend :   HTML + CSS, Jinja, ReactJS

Backend :   php + MySQL/ PostgreSQL, Flask, Django, Servlet, Spring Boot

RDBMS:

MySQL, PostgreSQL, Oracle, MariaDB, SQLite

Operating Systems:

Linux, FreeBSD, OpenBSD, Minix

Embedded Systems:

STM32, ESP32, Arduino, AVR, Raspberry Pi, BeagleBone, PCB Design

HOBBIES

Computer Programming
Electronics
Table Tennis
Electric Guitar
Photography
Bike Riding

EDUCATION

Secondary	**H. Secondary**	**B. Tech**
Ram Mohan Mission High School	Aditya Academy Secondary	KIIT University
ICSE │ 2017	CBSE │ 2019	2019 – 2023
Score : 86.64 %	**Score :** 73.40 %	**CGPA :** 8.90

INTERNSHIPS

Technical Summer Intern / Trainee

HighRadius Corporation │ Jan 2022 – Apr 2022

Built an entire web application from scratch along with integrating a Machine Learning model in the backend.

Certificate

PROJECTS

Cryptogram

https://github.com/aritra1911/cryptogram

A toolset of Cryptographic algorithm implementations

2019 │ C

Mini Chat

https://sr.ht/~aritra1911/mc

Network based End-to-End Encrypted Multi-person Chat

2021 – Present │ C (pthreads + OpenSSL)

Binary Clock

https://github.com/aritra1911/avr

Digital clock designed to display time in binary

2021 │ C (AVR)

AI-Enabled FinTech B2B Invoice Management Application

Full-stack (ReactJS + Java Servlet) invoice management application integrating a Machine Learning Model (Python).

2022 │ Java, JDBC, Python, JavaScript (ReactJS), HTML + CSS

OBJECTIVE

Aiming to achieve challenging and successful career where I can make a significant contribution using my knowledge base and innovative ideas with the objective of development and growth of the organization.