



ARITRA SARKAR

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ABOUT ME

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

TECHNICAL SKILLS

Programming Expertise:

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

Ram Mohan Mission High School

ICSE | 2017

Score : 86.64 %

H. Secondary

Aditya Academy Secondary

CBSE | 2019

Score : 73.40 %

B. Tech

KIIT University

2019 - 2023

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