



# 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

## 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.