



ARITRA SARKAR

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ABOUT ME

A techplorer with a skill-passport containing over 37 visas in diverse technologies -- with the journey just beginning.

EDUCATION

B. Tech

Kiit University
Bhubaneswar, India
Branch : Electronics &
Computer Science
Engineering

Year : 2019-2023
CGPA : 8.90

Higher Secondary

Aditya Academy Secondary
Kolkata, India
Board : CBSE
Year : 2019
Score : 73.40 %

Secondary

Ram Mohan Mission High
School
Kolkata, India
Board : ICSE
Year : 2017
Score : 86.64 %

HOBBIES

Computer Programming
Electronics
Table Tennis
Electric Guitar
Photography
Bike Riding

TECHNICAL SKILLS

Programming Expertise

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

Embedded Systems

STM32
ESP32
Arduino
AVR
Raspberry Pi
BeagleBone
PCB Design

Web Development

Frontend
HTML + CSS
Jinja
ReactJS
Backend
php + MySQL
php + PostgreSQL
Flask
Django
Java Servlet
Spring Boot

RDBMS

MySQL
MariaDB
PostgreSQL
Oracle
SQLite

Operating Systems

Linux
FreeBSD

INTERNSHIPS

Technical Summer Intern / Trainee

HighRadius Corporation | Jan 2022 - Apr 2022

Built an entire web application from scratch along with integrating an ML model and a Database in the backend.

Certificate : bit.ly/ASHRCCert

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