SUDIPTA KARMAKAR

SYSTEM ENGINEER

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Linkedin | **HackerRank** | **Portfolio** | **GitHub**

EDUCATION

KOLSUR HIGH SCHOOL
Secondary General

2016 - 2017
West Bengal,India

KOLSUR HIGH SCHOOL
High Secondary Pure Science

2018 - 2019
West Bengal,India

ST MARY'S TECHNICAL CAMPUS KOLKATA
B.Tech Computer Science & Engeering
GPA: 9.04

aug 2019 - aug 2023
Kolkata,India

EXPERIENCE

TATA CONSULTANCY SERVICES | System Engineer(DIGITAL)   Tcs Gitanjali Park Kolkata | 2023-26th Oct – Present

SKILLS

Programming Languages	PYTHON, C, C++,SWIFT, BASH, JAVASCRIPT, HTML, CSS, PHP, SQL, SWIFT
Libraries/Frameworks	FLASK,BOOTSTRAP
Tools / Platforms	VSCODE,BURPSUITE,LINUX,UNIX,XCODE,WIRESHARK,NMAP, NESSUS,AMASS,DIRSEARCH,DIRBUSTER,HYDRA,NETCAT,SQLMAP,HASCAT,ZAP,NIKTO,WPSCAN,NCCRACK,BUFF,METASPLOIT,JHON-THE-RIPPER
Databases	ORACEL,MYSQL

PROJECTS / OPEN-SOURCE

SKARCIPHER | Link   SWIFT, XCODE

CIPHER TXT CONVERT APP WITH IOS GUI INTERFACE. HOW TO DATA ENCODE AND DECODE IN NETWORK Transmission Control Protocol.

TAX-CALCULATOR-FLASK | Link   PYTHON, FLASK, MYSQL, BOOTSTRAP

A fully authentication-based Web application for Tax Calculation uses the database to store specific user data.
TCS_XPLORE Course "AsCEnD Python Web with Flask"

CERTIFICATIONS

- Hewlett Packard Enterprise Software Engineering Virtual Experience Program - **FORAGE**
- Pentesting Fundamentals for Beginners - **CODERED**
- Web Hacking Expert: Full-Stack Exploitation Mastery - **CODERED**
- (ISC) Candidate - **(ICS)2**
- ACCENTURE Developer Virtual Experience Program - **FORAGE**
- ADVENT OF CYBER 2021 - **TRY HACK ME**
- Problem Solving (Intermediate) Certificate - **HACKERRANK**
- Problem Solving (Basic) Certificate - **HACKERRANK**
- SQL (Intermediate) Certificate - **HACKERRANK**

- SQL (Basic) Certificate - **HACKERRANK**
- Python (Basic) Certificate - **HACKERRANK**
- SQL (Advanced) Certificate - **HACKERRANK**
- Virtually Testing Foundation - Member - **(ICS)2**
- JPMORGAN CHASE & CO Software Engineering Virtual Experience - **FORAGE**
- JPMORGAN CHASE & CO Agile Virtual Experience Program - **FORAGE**

HONORS & AWARDS

- ETHICAL HACKER/HACKERONE
- PYTHON GOLD BADGE/HACKERRANK
- BUG BOUNTY - REDDIT
- BUG BOUNTY - JOBAZBUKA
- BUG BOUNTY - ALGEMEENDAGBLAD
- Paper Presentation Certifcate of International Conference on Informatics, Artifcial Intelligence & Intelligent Systems (ICONIAIIS- 2021
- WBJEE, RANK 352
- MARITE TEST 10TH , RANK 99