Ayan Kumar Saha

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PROFILE SUMMARY

I am a highly motivated Computer Science Engineering graduate looking for an organization that will provide me the opportunity to utilize and improve my existing skills and knowledge that will lead to not only my career development but also the overall development of the organization. My specialties include quickly learning new skills, technologies, problem-solving, best coding, and design principles. I am also a tech enthusiast, open source lover and contributor and individual as well as team player.

PROFESSIONAL SKILLS

Programming language	*Python, JavaScript, Java , C, C++*
Library/Frameworks	*Electron.js, Tkinter, Kivy, Flask*
Datebase	*MySQL*
Data Analysis	*Numpy, Pandas, Matplotlib, Seaborn*
Web Scraping/Automation, Testing	*BeautifulSoup, Requests, Selenium*
Containerization	*Docker*
Version Control	*Git*
Designing	*Adobe XD, Figma, Adobe Photoshop, Adobe Illustrator*

EDUCATION

Masters in Computer Application (MCA). University of Kalyani (2017-2020)
- GPA (Up to 5th semester): 9.23/86.32%

Bachelor in Science (Hons). University of Burdwan (2014-2017)
- Percentage in Major (Computer Science): 78%, Overall: 62.5%

Higher Secondary/High School (10+2 standard). Kanailal Vidyamandir (Eng. Sec) (2012-2014)
- Overall: 72%

Secondary (10 standard). Kanailal Vidyamandir (Eng. Sec) (2012)
- Overall: 87%

PROJECTS

Sterling   Apr, 2020 – Present
A toolset for viewing and managing COVID-19 data and beyond using Electron.js, Angular and Flask

AES Implementation   Apr, 2020 – Present
An Implementation of AES algorithm using Java

Analysis on nCoV-19   Apr, 2020
Performed analysis on relation between average infection rate and surface air temperature of affected areas, for nCoV-19

Free Springer E-book Downloader   Apr, 2020
A web scraper for downloading free Springer e-books using BeautifulSoup, Requests

Vulpy   Mar, 2020
A twitter scraper that scrapes tweets based on keywords and produces dataset using Selenium, Requests

Tkinter-Notepad   Mar, 2020
A replication but better version of windows notepad using Tkinter python GUI library

Unsplash Image Crawler   Mar, 2020
An image scraper that scraps images from unsplash.com using Selenium, Requests

RSA Implementation   Feb, 2020
An Implementation of RSA algorithm using Java

Integrated Department Management System   Dec, 2019 – Present
A web application for managing all the daily routine tasks in an education department

College Web Application   Jan 2017
A college web application as final year project

ACCOMPLISHMENTS

- 5 star coder at **HackerRank**. Highly active problem solver at **Code Forces**.
- Got B.R. Ambedkar Prize for scoring good marks in secondary level from State Govt.

OTHER RELEVANT INFORMATION

Languages: English, Bengali (Native), Hindi (Intermediate)
Date of Birth: 24th May, 1996