

Academics

2017-2022	<i>B.Tech + M.Tech (Dual Degree)</i> in Computer Science and Engineering , IIT Kharagpur
GPA	9.06/10.0 (Currently Pursuing)
2017	<i>Higher Secondary School Certificate Examination</i> , CBSE
GPA	91%
2017	<i>Secondary School Certificate Examination</i> , CBSE
GPA	10/10

Technical Skills

Programming Languages	C C++ JavaScript Go Python
Libraries / Frameworks	Node.js OpenCV Flask Jekyll Numpy Pandas Scipy CoffeeScript
Databases	SQLite MongoDB
Systems / Platforms	Git Docker Linux Bash
Markup / Templating	HTML CSS
Others	GameMaker Unity Game Engine (Boo Script) Latex SolidWorks MATLAB

Experience

May 18	Student Developer: Project Nephos	CCEXtractor, Google Summer Of Code 2018
Aug 18	<ul style="list-style-type: none">- Created an automation software for Universities under Redhen organization, project closely supported by University Of Navarra, Spain.- Record streams from given channel IP addresses, run preprocessing including extracting subtitles and video compression, and upload to cloud.- Managed databases and achieved complete automation, including error handling, extensive logging and notifying system administrator of critical events.	

Projects

- **DigiCon, OpenSoft 2018 IIT Kharagpur**
Gold winning entry (out of 13 entries) to the Inter Hall Opensoft, IIT Kharagpur. The project intelligently parses different parts of a doctor's prescription (written by hand) and is an amalgamation of multiple technologies such as OpenCV, Flask, Natural Language Processing, REST API, bash scripting and Docker.
- **Games Using PyGame And Python**
Worked on two projects; AirHockey and BrkOut. AirHockey was developer under Kharagpur Winter of Code program. BrkOut was an independent project that blends the elements of prison breaking with the famous Atari title, Break Out. Learnt basic mechanisms of physics programming and graphic development along with introduction to cryptography.
- **Salvator: Automated Task of Birthday Wishing**
Salvator is a bot which uses puppeteer (headless Chrome JS API) to scrape the list of birthdays from Facebook and sends them a personal message. It also sends the user an email notification with the list of birthdays and their profile link.

Technical Interests

Cloud Computing, Bot Creation And Task Automation, Cryptography, Game Development, Machine Learning, Big Data, Linux

Activities & Leadership

- **Mentored in GirlScript Summer of Code:** Mentored students to build GirlScript's website; responsible for creating issues to foster streamlined development, and guiding students to complete them. Also received the accolade of being in the top 10 mentors of the program.
- **Founder, CodeStash IIT Kharagpur:** Created a community in my freshmen year to promote competitive coding and increase awareness about various fields of computer science (inspiration from code.org).
- **Active Member, MetaKGP IIT Kharagpur:** Responsible for fostering participation, promoting the growth of the open group and maintaining the following projects: eva, mftp, chillzone and ERP Auto Login.

Scholastic Achievements

- **IITJEE Advanced AIR 286:** Under top 0.15% amongst more than 2,00,000 students
- **National Olympiads:** KVPY SA AIR , KVPY SX Scholar, Indian National Physics Olympiad Stage II, Indian National Astronomy Olympiad Stage II, Indian National Chemistry Olympiad Stage II.