

Academics

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

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 Web Servers
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">- An automation client to record, process and upload IPTV streams for Universities under RedHen Labs, project closely supported by University Of Navarra, Spain.- Learned extensive error handling, database management, remote server operations, FTP handling in Python, scheduling of jobs and maintaining elaborate logs to ease debugging.	

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. Learned 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

- **Google CodeIn 2018 Mentor:** Mentor under CCEXtractor; responsible for creating tasks based on previous Google Summer Of Code projects and CCEXtractor repository, assigning tasks to participants and helping them through the way to completion of the tasks.
- **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. 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
- **IITJEE Mains AIR 2285:** In top 0.2% amongst more than 11,00,000 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.