

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%
2017	<i>Secondary School Certificate Examination, CBSE</i>
GPA	10/10

Technical Skills

Programming Languages	C C++ Javascript LISP Python Ruby
Libraries / Frameworks	Node.js JUnit OpenCV Flask Jekyll
Databases	SQLite MongoDB
Systems / Platforms	Git Docker Linux Bash
Markup / Templating	HTML CSS
Others	GameMaker Unity Game Engine (Boo Script) Latex SolidWorks

Work Experience

Apr 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 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 uses multiple technologies such as OpenCV, Flask, 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.
- **Salvator: Automated Task of Birthday Wishing**
Salvator is a bot which uses puppeteer 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

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 Natinoal Physics Olympiad Stage II, Indian National Astronomy Olympiad Stage II, Indian National Chemistry Olympiad Stage II.
- **RMSEE AIR 56:** Ex-Georgian, Student of Rashtriya Military School Chail.

Activities & Leadership

- **Mentored in GirlScript Summer of Code:** Mentored students to build GirlScript's website and android application. This required creating issues to foster streamlined development, and guiding students to complete them.
- **Founder, CodeStash IIT Kharagpur:** The community aims at welcoming freshers and inculcating a zeal for programming in them.
- **Member, MetaKGP IIT Kharagpur:** Responsible for maintaining projects such as eva, a slack bot.