

Education

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| 2017-2022 (Expected) | B.Tech + M.Tech (Dual degree) in Computer Science and Engineering Indian Institute of Technology, Kharagpur | GPA: 9.51/10.0 (Till 2nd Semester) |
| 2017 | Higher Secondary School Certificate Examination, CBSE Mahatma Gandhi Centenary Vidyalaya, Trichy | Percentage: 96% |
| 2015 | Secondary School Certificate Examination, CBSE Mahatma Gandhi Centenary Vidyalaya, Trichy | CGPA: 10/10 |

Technical Skills

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| Programming | <i>Proficient</i> : C, C++ <i>Competent</i> : Python <i>Familiar</i> : Java, Golang |
| Libraries / Frameworks | Pygame, Curl, Flask, OpenCV, ROS |
| Systems / Platforms | Git, Docker, Linux, Android |
| Others | Bash, Latex, Solidworks |

Work Experience

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| Feb 18 Present | Artificial Intelligence Team Member - Working on the planning and localization team at IITKGP's Autonomous Ground Vehicle (AGV) Research Group. - Created a ROS module for the DWA local path planner and integrated it with the global path planner for optimal trajectory generating. - Configured the localization package that results in a less than 10cm error. | Autonomous Ground Vehicle Research Group |
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Projects

- **DigiCon, OpenSoft 2018 IIT Kharagpur**
 - The software accurately parses and mines the contents of a hand-written doctor's prescription and segregates the medicines along with their corresponding doses and lists them out in a readable fashion.
 - Worked on handling the contents extracted from the prescription like spellcheck, segregating nouns, etc.
 - The entry won Gold amongst 13 applicants in OpenSoft 2018, IIT Kharagpur.
- **Eklavya 6.0, Intelligent Ground Vehicle Competition (IGVC) 2018**
 - A robot capable of automatically navigating from one GPS co-ordinate to another by following a lane while handling all the obstacles in the path with the help of sensors and complex algorithms.
 - Worked on the part responsible for generating the local and global path and localizing the bot from the sensor data.
 - The bot bagged the 2nd position in the IGVC 2018 held at Oakland University, Michigan.
- **BrkOut, A game made using PyGame**
 - An interactive game that adds a definitive prison breaking element to the modified version of the age old Atari, Break Out, made using Pygame.

Positions of Responsibility

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| Current | Senior Developer, Co-Founder , CodeStash, IIT Kharagpur <ul style="list-style-type: none">- An organization that helps to develop a passion for programming among the freshers |
| Current | Co-ordinator , CodeClub, IIT Kharagpur <ul style="list-style-type: none">- The departmental society of Computer Science and Engineering that conducts multiple programming fest throughout the year and organizes monthly coding contests. |
| Current | Core Team Member , Kharagpur Open Source Society, IIT Kharagpur <ul style="list-style-type: none">- An organization that aims to promote Open Sourcing and helps to develop a zeal for learning among its members. |
| Current | Writer , Technology Literary Society, IIT Kharagpur |

Scholastic Achievements

- **JEE Advanced AIR 322**: Secured 99.8 percentile
- **JEE Mains AIR 1784**: Secured 99.8 percentile
- **KVPY SA and SX Scholar**