

Sarthak Kurothe

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EDUCATION

- **Jaypee University of Information Technology** Himachal Pradesh, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.90
October 2021 - June 2025
Technical Courses: Data Structures and Algorithms, Operating Systems, Database Management Systems, Object Oriented Programming, Computer Networks, Analysis and Design of Algorithms
- **St. Joseph's co-ed School** Madhya Pradesh, India
Senior Secondary (Class XII); Percentage: 86.60
May 2017 - May 2019
- **St. Joseph's co-ed School** Madhya Pradesh, India
Secondary (Class X); CGPA: 10.00
April 2016 - May 2017
Achievements: Received Certificate of Merit to be among the top 1 percentile students in School in Board exams(Central Board of Secondary Education)

WORK EXPERIENCE

- **The Sparks Foundation** Remote
Data Science and Business Analytics Intern
Sep 2022 - Oct 2022
 - **Objective:** Had learning experience in Data Science and solved various challenging tasks in this internship using Python, Tableau, and other tools. The tasks included predictive modeling, data analytics, visualization, etc.
- **Flibgib** Remote
Content Writing Intern
May 2022 - June 2022
 - **Quora Forum Updates:** Increased the engagement rate of viewers on Official Flibgib Quora page from 50% to 80%.
 - **Content Strategy:** Created content strategy for the blog that attracted 500 new beta subscribers within the first quarter.
 - **Achievement:** Received Certificate of Appreciation

CERTIFICATION AND ACHIEVEMENTS

- ISRO-Machine learning to Deep learning [Certificate] July 2022
- IBM Cybersecurity Analyst [Certificate] June 2022
- IBM Cybersecurity Fundamentals [Certificate] February 2022
- Microsoft AI Workshop - 2021 [Certificate] June 2021
- Google-The Fundamentals of Digital Marketing [Certificate] May 2021

TECHNICAL PROJECTS

- **Vehicle Detection and Counting System using OpenCV** Github Link
C++, Visual Studio Community, OpenCV
Objective: It will be enough to work for both the images or the video, for the same, we will be using OpenCV for doing all the image processing operations and for classification the car and bus HAAR cascade classifier for detecting and counting the cars and buses.
- **Gender and Age Detection with OpenCV** Github Link
Python, OpenCV library
Objective: It detects the age and the gender of the person displayed on the image by using OpenCV library in python and Neural Networks.
- **MyNews Application** Github Link
Android Studio, Java, Kotlin, Postman API
Objective: It is a basic application developed to display news, daily updates and current affairs to the user requirement using Android Studio.

POSITIONS OF RESPONSIBILITY

- **Member — Association for Computing Machinery, JUIT**
Organized and attended online and offline workshops & bootcamps on various domains of Technology and Design.

SKILLS AND INTERESTS

- **Languages:** C, C++, Python, HTML, Data Structures and Algorithms
- **Development:** Basic Application Development(Java/Kotlin), MySQL, PLSQL
- **Skills:** Basic Ethical Hacking, Cybersecurity, Penetration Testing
- **Soft Skills:** Leadership, Teamwork, Versatility, Public Speaking, Problem Solving, Communication skills