

# Aroop Ghosh

Pre-final Year | SWE Intern @Fidelity Investments

Current SWE intern looking to join the workforce to gain real-world experience. Ability to complete tasks on time in both individual and team settings. Dependable and reliable, ready to learn and grow with your company.



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## EDUCATION

### B.E. in Information Science and Engineering

JSS Science and Technology University, Mysuru, Karnataka

12/2020 - Present (2024)

9.17 CGPA (Till 4th semester)

### 12th (Higher Secondary)

Kendriya Vidyalaya No. 1, Kanpur, Uttar Pradesh

05/2018 - 07/2020

Percentage: 93.4%

### 10th (Secondary)

Kendriya Vidyalaya No. 1, Kanpur, Uttar Pradesh

04/2017 - 05/2018

Percentage: 92.8%

## PERSONAL PROJECTS

VisualizeIt\_ (Various Sorting Algorithms Visualization Tool) (02/2022 - 02/2022)



- This website will help you to visualize how various sorting algorithms actually works with animations.
- Sorting algorithms available: Bubble, Selection, Insertion, Merge, Quick and Heap.
- It is created using HTML, CSS and Javascript. DOM manipulations to change the colours for visualization.

Dijkstra's Path Visualizer (Shortest Path Between Two Points)

(06/2022 - 06/2022)

- This website helps to visualize the working famous Dijkstra's algorithm which is the father of pathfinding algorithms, guarantees the shortest path.
- In this app we can see the the working of algorithm in both weighted and non weighted case. Created using react.

MyBlog (A blog website) (08/2022 - 09/2020)

- Implemented using MERN stack for frontend and backend, material UI is used for styling
- MongoDB atlas for a database server and mongoose for connecting MongoDB and backend.
- In this website user can upload, delete, update/edit his blogs and can see others blog.
- Other contributor: [Harshit Pandey](#).

TextIt (A Chat box App) (02/2023 - 02/2023)

- A chatting app made using java where two separate programs can communicate with each other in a chat box.
- It is implemented using the networking concepts of socket programming and ports.
- JAVA concepts like multithreading, exception handling, OOPs and inter process communication is used to implement this app.
- The GUI is created using the JAVA swing.

Personal Portfolio (03/2023 - 04/2023)

- Personal portfolio web page using react and tailwind CSS.
- Static website to showcase skills and projects.

## WORK EXPERIENCE

### Technical Lead

Computer Society of India Chapter - JSSSTU

04/2023 - Present (2024)

Contact : Vishal Mishra - +91 7091174689

## SKILLS

C++

Python

Java

Object Oriented Programming

SQL

Operating System

HTML5

CSS3

JavaScript

MongoDB

ReactJS

## CODING PLATFORMS

GeeksForGeeks

HackerRank

CodeChef

## CERTIFICATES

HackerRank Python (Basic)  
(06/2021 - 06/2021)

HackerRank Problem Solving (Basic)  
(11/2021 - 11/2021)

HackerRank Problem Solving (Intermediate)  
(03/2022 - 03/2022)

HackerRank SQL (Basic) (09/2022 - 09/2020)

HackerRank Java (Basic) (02/2023 - 02/2023)

HackerRank SQL (Intermediate)  
(02/2023 - 02/2023)

## LANGUAGES

English



Hindi



Bengali

