

# GAURAV AGARWAL

Badarpur, Delhi

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## Education

**Indian Institute of Information Technology, Dharwad (Transcript Link)** Dec 2020 – May 2024  
*Bachelor of Technology in Computer Science and Engineering (CPI: 8.1)* Dharwad, Karnatak

**Ashok Memorial Public School** April 2019  
*Senior Secondary* Faridabad, Haryana

## Relevant Coursework

- Data Structures and Algorithms
- DBMS
- Linear Algebra
- Object Oriented Programming
- Operating System

## Experiences

**Google Developer Student Clubs** Sep 2022 – Nov 2022  
*Worked for developing Chrome Extension*

- Worked on **Manifest V3** and **JavaScripts** to develop robust and scalable extension

**IIITian Networks** Feb 2021 – Nov 2021  
*Web Developer*

- Worked in **front-end** team and helped in **debugging** and development of dynamic and responsive website using **HTML, CSS, JavaScript**

## Projects

**Network Intrusion Detection System (Ongoing)** | *Zeek, Suricata, Brim, Git* Source Code  

- Generated pcap file and detected **DNS DDoS** Amplification Attack using **Zeek Script**
- Log management, analysis and virtualisation of data through **Brim**
- **Future Goals:** Various other complex attacks analysis and integrating **Suricata**, Microservices architecture

**5Star - Movie rating and review Application** | *React.js, NodeJS, MongoDB, Cloudinary, MongoDB* Source Code  

- Designed complete backend API with Node.js, Express, TailwindCSS, MongoDB, Cloudinary
- Role Based Authentication (**Admin/ Normal** User) with **Email Verification**.
- **Advance Form** with **validation**, **live search** fields and UI with React and Context API

**Weather Forecasting** | *HTML, CSS, NodeJS, Express, JSON, Handlebars, Heroku* Source Code  

- Access **real-time** weather information
- Uses the location for **forecasting** and access the information using **API**
- Enabled users to access up-to-date weather information for specified locations, including temperature, humidity, wind speed, and forecasts.

## Technical Skills

**Languages:** C++, C, Java, JavaScript, HTML/CSS, SQL, React.js, Express, Node.js, RestAPI

**Developer Tools:** Shopify, VS Code, Git

**Databases:** MongoDB, MySQL, SQL server

**Additional skills:** Strong problem-solving and analytical skills, good communication and teamwork abilities

## Leadership / Certifications

- **Career Guidance Cell Student Coordinator** of Institute
- Code Cadence **Winner**(Competitive Coding Challenge)
- Udemy- The Complete Node.js Developer Course (3rd Edition) (**Certificate Link**)
- Udemy- React - The Complete Guide 2023 (incl. React Router and Redux) (**Certificate Link**)
- Institute's Top Ranker in GFG, solved **800+** Problems (**Profile Link**)
- JEE Mains- **97 percentile** and JEE Advanced- **15000 rank**