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ARUSHI AGGARWAL

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EDUCATION

Chandigarh, India

Punjab Engineering College

July 2018 – June 2022

- Bachelors of Technology in Computer Science Engineering.
- Relevant Coursework : Operating Systems, Data Structures and Algorithm, Database Management Systems and Artificial Intelligence
- Creator and Editor-in-Chief of my newsletter “Maclagan”
- Coordinated quarterly workshops with upwards of 50 volunteers per event.
- Active member of the official English Editorial Board and Communication Information Media Cell.

Chittagong, Bangladesh

Chittagong Grammar School

Till June 2018

- High School Education (O levels & A levels) from Cambridge Board.

PROJECTS

- **Note It** (August 2020 –Present) – Designed a full stack web application using GraphQL, Express, Node.js, React.js and MongoDB, intended to be a fully functional clone of a commercial software .
- **Server Health Monitoring** (August 2020 – Present) – Coordinated in a team to develop an application using React.js and Node.js with a Flask App for the backend to provide real-time health details to the user for added remote servers in addition to predictive machine learning using LSTM model.
- **Face Mask Detection System** (August 2020) – Built a deep-learning application using TensorFlow and OpenCV that can detect presence of face mask on a real time video stream. Achieved an accuracy of 99.94% during the development stage.
- **COVID-19 Tracker** (July 2020 – August 2020) – Programmed a Web Application made with React Hooks and Charts.js to visualize data from the COVID-19 John Hopkins API enhancing user interpretability.
- **Remember: An Alzheimer’s App** (March 2020 – May 2020) – Led a team of 2 during the development of a full stack flutter mobile application using Dart and SQLite geared towards assisting Alzheimer’s patients in their day-to-day life.

ACHIEVEMENTS AND AWARDS

- **Duke of Edinburgh International Award (2016-2018):** Received a youth award for my contribution towards community service in addition to my personal growth in soft skills.
- **Participant of Yale-NUS MUN 2016:** Represented our school as delegates on an international platform.

TECHNICAL SKILLS

- **Programming Languages :** Python,HTML5,CSS3,Javascript(ES6),C++,Bash,Dart
- **Libraries & Frameworks :** jQuery,React,Node.js,Express,Bootstrap4,OpenCV,Keras
- **Database Systems :** SQLite,Firestore,MongoDB
- **Tools :** Git, Jupyter, Wireshark, Tableau, Postman|API Testing, Netlify

LANGUAGES

English – Professional Proficiency

Hindi –Native Proficiency

French – Conversational

Bengali – Conversational