ABHIJIT GAYEN

M.Sc - Mathematics and Computing
Indian Institute Of Technology, Guwahati

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Sc	Indian Institute of Technology, Guwahati	8.82/10	2020-2022
B.Sc(H) Math	Ramakrishna Mission V.C. College, Rahara	8.74/10	2017-2020
Higher Secondary	WBCHSC Board	85.6%	2017
Secondary	WBBSE Board	86.0%	2015

EXPERIENCE

- **COGOPORT** *11 July 22 - Ongoing*
  Associate Software Engineer
  - POC of WhatsApp Chatbot - **WhatsApp Business API, Fast API, Python**
  - Automation in chatbot for WhatsApp, web platform. making intent, data training, API call according to service. — **Neural Network, PyTorch, Python, Fast API**
  - Voucher Integration to Buy Voucher using Cogoport Currency - **ROR, Next.js**
  - Segmentation for campaign and marking - **ROR**
  - One-One Video Call with Screen share using WebRTC and WebSocket Technology - **Next.js, ReactJS, PeerJs, SocketIO**
  - POC of Chat Server using Python for Chatbot using WebSocket Technology for Real time chat experience - **ReactJS, Next.js, SocketIO, Flask, Fast API, Firebase**

- **EDVENTURE** *Jun'21 - Aug'21*
  Front End Developer Intern
  - Optimizing The user Experience using **HTML, CSS** and **JS**.
  - Implementing design on different devices like mobiles, tablets.
  - Animated Content using **scrollreveal.js** and **typed.js**.

PROJECTS

- **SetPlacement - DBMS based Placement Portal** *Aug'21 - Present*
  Course Project | Under : Dr. Ashok Singh Sairam , IITG , Math dept. Github
  - There are four modules : Admin Module, Company, Student, Placement.
  - Company will post the Job details with Eligibility criteria and Student apply for the Job profile. Company selects the student according to their criteria —**HTML, CSS, PHP, MySQL, JS**

- **Time SetUp - A Chrome Extension** *Dec '20 - Mar '21*
  Group Projects | 5 members | Under : IIT G coding club Github
  - This is a Chrome Extension . Aim of this project to track the activity on chrome and save one's time . One can make a list of sites with no tracking . One can set daily limits for sites and block this website . Here I work with the front end of this extension - HTML, CSS , JS , JSON .

- **Local Weather - A Weather tracking Web-page** *Mar'21 - Mar'21*
  Mini Projects | Self Project Github
  - Weather API based web-app for real time weather information. After entering the pin number of one's area it will give the weather details of this area - HTML , CSS , JS , API .

TECHNICAL SKILLS

- **Programming**: C , C++ , Python*, ROR
- **Web Technologies**: PHP , HTML , CSS , JavaScript, NextJs, RectJs, Flask
- **Database Management**: MySQL*, Mangodb, Postgresql
- **Others**: Latex , Matlab
- **Operating Systems**: Windows, Linux*, Mac   *Elementary proficiency*

KEY COURSES TAKEN

- **Mathematics**: Linear Algebra , Differential Equation , Probability Theory , Optimization Techniques, Discrete Maths , Numerical Analysis*
- **Computing**: DBMS* , Theory of Computation* , Structures & Algorithms , Computer Programming.

To be completed in Nov'21

Achievements

- **ICPC 2021** : Asia Kanpur- Mathura Online Contest 2020 , 19 Aug'2021 , All India Rank 82 .
- **Swami Vivekananda Merit-cum-Means Scholarship** : A merit base Scholarship , 2017 - 2020 .
- **JAM 2020** : All-India-Rank of 312 in JAM 2020 amongst 14374 candidates .

Extracurriculars

- **Cousera Course** : Completed HTML , CSS And JS for Web Developers course Under Johns Hopkins University .
- **Online Workshop** : Attended workshop on blockchain Technologies and Decentralized Organized by Dept. of CSE .