# Kabilan M

Roll No.:190106027
B.Tech - Bio Science and Bio Engineering
Minor in Literature
Indian Institute Of Technology, Guwahati

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## EDUCATION

| Degree/Certificate | Institute/Board | CGPA/Percentage | Year |
|---|---|---|---|
| B.Tech. Major | Indian Institute of Technology, Guwahati | 8.15 (Current) | 2019-Present |
| B.Tech. Minor | Indian Institute of Technology, Guwahati | 8.5 (Current) | 2020-Present |
| Senior Secondary | Andhra State Board | 10.0 | 2019 |
| Secondary | CBSE Board | 9.8 | 2017 |

## EXPERIENCE

- **Providence Global Center** *May 2022 - July 2022*
  *Software engineer* Hyderabad
  – Defined company data assets (data models) and used Spark SQL to populate data models and performed Extract, Transform and Load(**ETL**) activities.
  – Worked closely with a team of frontend and backend engineers, product managers, and analysts.
  – **Pre-Placement Offer** was given to me at the end of my internship tenure.
  – Technology used: **PySpark**, Microsoft SQL Server, Azure Databricks.

## PROJECTS

- **Gymkhana Website** *July 2021*
  *Team/SWC* git.io/Gymkhana
  – Built Gymkhana website using Django web technology framework under Student Web Community, IIT Guwahati that to be used and served as the home server of our institute.
  – Technology used: Django.

- **DeliveryN E-comm Website** *May 2021 - June 2021*
  *Self project* git.io/E-site
  – Created a user-friendly and interactive e-commerce website, deployed in Firebase and authenticated using Google Firebase API.
  – Technologies used:**React**, React context API, Firebase.
  – Link to the site : **DeliveryN-site.com**

- **A-star Pathfinding Algorithm Visualizer** *June 2021*
  *Self project* git.io/A-star Algo
  – Developed a program to find the shortest path between two nodes in 2D space.
  – Implemented mutually recursive functions which look ahead for finding the optimal move by traversing through the neighboring nodes, by checking each node's state.
  – Technologies used: Python, Pygame.

## TECHNICAL SKILLS

- **Programming**: C/C++, Python*.
- **Web Technologies**: HTML, CSS, Javascript, SQL, React*.
- **Tools**/**Frameworks**: Pyspark, Bootstrap, Microsoft SQL Server.
- **Miscellaneous**: Git, Latex.
- **Operating Systems**: Windows, Linux. *\* Elementary proficiency*

## KEY COURSES TAKEN

- **Mathematics**: Linear Algebra, Basic Calculus.
- **Computer course**: Introduction to Computing , Computing laboratory.

## POSITIONS OF RESPONSIBILITY

- **Sports Secretary of Siang Hostel**,IIT Guwahati. *April 2021 - April 2022*
- **Branch Head For Web Development**,BSBE, IIT Guwahati. *May 2021 - May 2022*

## EXTRACURRICULARS

- **Republic Day Parade**: Represented the hostel and secured **2nd** place.
- **Manthan 2020**: Participated in a Mime competition in Manthan-Annual Inter Hostel Cultural Competition 2020.
- **Core Team Member**, Alcheringa Web Technical Team.
- **Spardha 2020**: Represented the hostel in Short put and Hammer throw in Spardha -Annual Inter Hostel Sports Competition 2020.