

Ayushman Mookherjee

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PROFILE

An engineering graduate from VIT, Vellore; keen on delving into the world of business and cutting-edge technology. Have a knack for managerial studies, excel as a team player, like to take responsibility, and pride in my communication skills.

WORK EXPERIENCE

Software Engineer

08/2022 – present

HSBC - Commercial Banking and Data Analytics

Pune, India

- Worked on and developed numerous data assets across use cases, ensuring timely ticket fulfillment and managing many work items. Learned about the many technologies utilized in the pod while also improving my skills. Since adopting a federated architecture, took responsibility for the team's smooth operation. Worked on many core-capability features such as backup scripts, dashboard development, and demonstrated an excellent understanding of the upkeep of multiple microservices required.
- Led and worked on converting data assets to delta format. Numerous assets have been converted to delta format, saving computational expenses, improving pre-processing speed, and reducing the overall time and space necessary to manage the asset. Was an integral part of the project management team that made critical decisions.
- Offered assistance to newly created teams/pods and assisted them in resolving alerts, problems, and other support/development concerns. Provided multiple KT and hands-on sessions, and collaborated with them to resolve any difficulties.
- Actively worked on several projects and proof-of-concepts, such as "vendor feedback analysis" and "agile flow metrics." Helped plan several events and extracurricular activities for the whole GDT-DNA team to develop team spirit and unity. While being a part of the HTI cricket team, I was also an active member of the GDT-Pune activities committee, assisting in event planning.

AWARDS

- Pat on the Back Award (Q3, 2023)
- Star Performer of the quarter (Q1, 2024)

Business Analyst Intern

04/2022 – 08/2022

AppyHigh Technologies

Gurgaon, India

- Collaborated with stakeholders to set goals, create best practices for data collection, did market research, and reviewed current processes and products to see what can be improved to reach the intended outcome.
- Created novel solutions for operational and strategic modifications in existing goods. Gained a thorough understanding of the end-to-end process of product delivery and management systems.
- Assigned product ownership and served as a liaison between stakeholders, product managers, designers, and all relevant developers.

Data Engineering Intern

07/2021 – 09/2021

Karkinos Healthcare

Mumbai, India

- Worked as a Data Engineering Intern and learned how to analyze, manipulate and use data along with ML and AI algorithms in the healthcare sector.
- Worked on SpringBoot applications and created necessary UI's.
- Used Apache Airflow for data pipelining and workflow scheduling.

Web Development Intern

09/2020 – 01/2021

Raymond

Thane, India

- Worked on front-end web development.
- Languages like HTML, JavaScript, CSS, and JQuery were explored
- Got to work alongside mentors and gain experience. Gave inputs and worked on "my-Raymond" website.

Student Ambassador

06/2018 – 06/2019

Internshaala

Mumbai, India

- Helped inquisitive college students by providing them with a platform to get internships and various other courses to help them strengthen their resumes.
- Ideate on and execute innovative campaign plans.
- Answered questions, pointed out important features, and hosted workshops in different domains for Internshaala in our college.
- One of the top performers in India for Internshaala, during the given period.

ORGANIZATIONS

Institution Of Engineering and Technology

12/2018 – 01/2022

Vellore, India

- Served as an **advisory board member** to the current executive board on critical decision-making and policy implementation and maintain proper workflow balance.
- Worked as the **Finance Head** before being appointed as the advisory and played a key decision-making role in the chapter.
- Led the sponsorship team and oversaw all projects undertaken in the chapter.

Rotaract Club Of Hiranandani Estate

01/2016 – 08/2020

Thane(w), India

- Initially, a small group, within our community, that has now grown to comprise hundreds of enthusiastic members working diligently to better the lives of the underprivileged by sticking to the vision of "Service Above Self".
- Served as the Joint Secretary of the club from 2016-2017 and as the President of the club from 2018-2019, while working nonstop on events and activities for the underprivileged and raising funds wherever needed.
- Led various donation drives during peak COVID and helped in arranging modes of education for deserving kids.

VIT Community Radio, 90.8 Mhz

09/2018 – 01/2020

Vellore, India

- Worked as a radio jockey for the English and Hindi sections.
- Conducted various interviews and involved in brainstorming of new events and shows.
- An integral part of the show "live-bytes" which used to cover all major events in the university.

EDUCATION

Bachelors of Technology: Electronics and Communication Engineering

08/2018 – 05/2022

Vellore Institute Of Technology

Vellore, India

CGPA- 8.25

High School

06/2016 – 05/2018

Pace Jr College and High School

Thane, India

12th grade score - 82.7%

Schooling

06/2004 – 05/2016

Smt Sulochanadevi Singhania School

Thane, India

10th grade score - 94.3%

PUBLICATIONS

Disease Prediction using Machine Learning Algorithms

05/2022

International Conference on Contemporary Engineering and Technology

Authors: Ayushman Mookherjee, Abhishek Harikrishnan, Dr. Sanjay Kumar Singh

Covid 19 Prediction with real world data using ML Algorithms

05/2022

International Conference on Contemporary Engineering and Technology

Authors: Abhishek Harikrishnan, Ayushman Mookherjee, Dr. Sanjay Kumar Singh

SKILLS

Programming Languages

Java, C++, Python, HTML, CSS, JavaScript, Scala, Hadoop, Spark

Data Visualization Tools

Excel, Tableau, Power BI, Powerpoint

Sports

Cricket, Football, Table Tennis, Badminton

Musical Instruments

Guitar

PROJECTS

Academic Projects

- 1) Accident detection and alerting system using 8051 microcontrollers
- 2) Weather detection system using Machine learning and IoT.
- 3) Movie recommendation system using Machine Learning.
- 4) Disease Prediction System using Machine Learning

Projects

- 1) HUNTR- a combat robotics bot
- 2) Mood-based playlist generator
- 3) "NAYAN" - a belt for the visually impaired.