Parthiv Menon

B. Tech. Computer Science and Engineering

MS CS Grad student at Khoury College of Computer Sciences, Northeastern University

in linkedin.com/in/parthivmenon

🌐 menon.par@northeastern.edu

I am an enthusiastic learner with a keen eye for detail. With over three years of experience working on various projects, I am passionate about being a full-stack developer and working with data of any sort. I strive to stick to deadlines, come up with creative solutions for problems, am a good team player and can lead a team if the need arises.

Education

Batch of 2023
Manipal Institute of Technology
Manipal, Karnataka
B. Tech. Computer Science
CGPA: 9.17

Batch of 2019
Blooming Buds Bethania School
Vellithiruthy, Kerala
Passed CBSE Standard 12 as the district topper with 97% (Physics, Chemistry, Mathematics and Computer Science)

Work Experience

October 2022 - December 2023
WikiSource Technical Fellow
Wikimedia Foundation
Worked to integrate Transkribus as an OCR engine into Wikisource OCR; organised Community meets; mentor for Outreachy

January 2023 - July 2023
Full Stack Developer
IISc, Bangalore
Working on Project aNANt that aims to be the world's largest open-access online repository of functional materials

November 2021
Co-Founder
Dotfood
Built a successfully functioning food-delivery app for hostel students. Operates out of Manipal with 5000+ downloads

Research Experience

May 2022 - August 2022
MITACS Globalink Research Intern
Lakehead University, Thunder Bay, Ontario
Reproducibility in Brain-Computer Interface Research: A Replication-Based Analysis presented at Rewords22, as part of eScience conference in Salt Lake City, Utah
⬤ https://github.com/parthiv-m/eeg-classification

December 2020 - July 2021, November 2022 - March 2023
Research Collaborator
Manipal Institute of Technology
• Paper titled '*Real-Time Portfolio Management System Utilizing Machine Learning Techniques*' published in IEEE Access
• Paper titled '*Building a Calendar of Events Database by Analyzing Financial Spikes*' published in IEEE Access

Positions of Responsibility

2021 - 2022
Web Development Head
Manipal Information Security Team
As a Board member, I was responsible for the the websites, portals and databases; also helped out in other tech and non-tech aspects of the club

2021 - 2022
Head of Writing
The MIT Post
As a Board member of the official media body of MIT, Manipal, I was responsible for ensuring the quality and moderating all the written content published; managed junior editors and writers

2021 - 2022
Core Committee Member
Linux Users' Group, Manipal
As a Core Committee members, we were tasked with spreading the open source culture in Manipal and conducted events along the same lines

Projects

Project aNANt
Material Research Center, IISc Bangalore
Project aNANt that contains the software tools and services to interact with the database, deployed on an Ubuntu machine; worked with NextJS, nginx, and Python for ML models
⬤ https://github.com/parthiv-m/project-anant

Custom Linux Shell
Manipal Institute of Technology
A custom Lost at Sea themed Linux shell that incorporated all basic Unix commands with a fun storyline to go with, built with Python—served to demonstrate key operating system concepts
⬤ https://github.com/parthiv-m/sea-shell

The Hand Outer
Manipal Institute of Technology
This hand-outer is an automated newsletter distributor that sends one copy of the newsletter to every subscriber
⬤ https://github.com/parthiv-m/the-hand-outer

Manipal Entrepreneurship Summit Portal
E-Cell MIT, Manipal
I was in charge of developing the web portal that managed registrations and advertised events for MES held in May 2022.
⬤ https://github.com/parthiv-m/mes-portal

Volunteering

Volunteer, KCD Bengaluru '23
I was part of the volunteer organasing group that conducted the Kubernetes Community Days conference in Bangalore in June 2023; more than 300 delegates

Core Committee, Incognito '22
Organised and hosted a tech week consisting of a CTF, a web based scavenger hunt and an OSINT based event that gained traction in 7 countries; our team managed a group of 40 people

Team SysAdmin, Revels '22
The team was responsible for creating and maintaining all portals and databases for internal and external use for Revels: the national level cultural fest of MIT

Achievements

Finalist, Manipal Hackathon
Our team was a finalist in the Manipal Hackathon conducted as part of TechTatva 2020 in MIT, Manipal

Top 10: 1 Mn Seconds Hackathon
Our team, Yozznet, finished in the top 10 in the 1 million seconds hackathon conducted by Telangana State Innovation Cell

Semi-Finalist: Skillezna Hackathon
Our solution regarding making transportation and connectivity in Bengaluru more accessible made it into the top 22