

NIKHIL KUMAR

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Education

B.Tech

National Institute of technology Meghalaya

Sep. 2019 – May 2023

8.53 CGPA

12th

J D Public School

April. 2016 – March 2018

82.5 %

Matriculate

Guru Gobind Singh Public School

April. 2005 – March 2016

10 CGPA

Experience

PocketFm

SDE 1

June 2023 – Present

- **Cover Development using AI:** Led the creation of an AI-powered system for generating and integrating book covers into promotional materials, optimizing workflows for seamless visual updates aligned with market trends.
- **Analytics Dashboard Architecture:** Designed an analytics dashboard to monitor key metrics (views, reads, revenue, and revenue share) using Cassandra for scalable data storage, improving decision-making and operational efficiency.
- **User Engagement Initiatives:** Spearheaded an experimental 50-50 user allocation strategy that reduced word limits for initial chapters, resulting in increased user participation and content creation engagement through iterative testing and technical enhancements.
- **Airflow Automation:** Developed an API-triggered workflow in Airflow, enhancing user experience with faster data availability, which was adopted by multiple teams to improve data processing efficiency.

PocketFm

Back End Developer Intern

Dec 2022 – June 2023

- **Automation:** Worked on automating multiple scripts for creating shows from audio received from partners
- **Team collaboration:** Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.

Projects

Chatroom Application | Python, Django (GitHub)

- Implemented login and sign-up using Django authentication.
- Developed a web app using Python and Django for college communication between co-ordinators.
- Created various rooms for co-ordinators to connect and smoothly organize the event.

Aplenty Web App | Python, Django, HTML (GitHub)

- Created the front end for the registration page and worked on writing RESTful APIs for the backend.
- It was a team Project, Runner-up in HackMantra

Technical Skills

Languages: Python, C, C++ ,HTML/CSS, SQL

Technologies/Frameworks: Linux, Jenkins, Git, Django, Python, Kafka, Airflow

Developer Tools: Object Oriented Programming, Problem Solving, GitHub

Leadership / Extracurricular

- **HackMantra'22:** Runner-up in HackMantra'22 National Level Hackathon organized by National Institute of Technology Meghalaya.
- **CodeUtsav'22:** Runner-up in CodeUtsav'22 National Level Competitive Programming organized by National Institute of Technology Meghalaya.
- **Mentorship:** Guided juniors in learning Data Structures and Algorithms. Conducted regular coding competitions, doubt-clearing sessions, and made them aware of various opportunities available.