

# Akshay Bhandari

Pittsburgh, PA ♦ akshay.b1@outlook.com ♦ +14122142683 ♦ [www.linkedin.com/in/akshay8080/](https://www.linkedin.com/in/akshay8080/)

## EDUCATION

### Carnegie Mellon University

Master of Science in Engineering & Technology Innovation Management

Pittsburgh, PA

December 2024

*Current coursework:* Finance for innovation, Market engineering, Strategy and management of technological innovation

### Vellore Institute of Technology

Master of Technology in Software Engineering

Vellore, India

August 2021

Bachelor of Technology in Software Engineering

August 2021

CGPA: 8.87/10.0

*Relevant Coursework:* Software architecture and design, Lean startup management, Data mining techniques, Natural language processing, Agile development process

## EXPERIENCE

### Muzik247

Chennai, India

Data Analyst

July 2021 – July 2023

- Managed a team to implement allocation programs for energy assets (windmill and solar), optimising using price
- Proposed and implemented the upgradation of storage and network infrastructure within the company
- Created data pipelines for various entertainment streaming platforms to collect data periodically on Linux servers. Along with this, the team automated scraping for new content releases on YouTube and deliver reports on them
- Led a team to study two movie release promotions and revenue collection to assess strong regions at the city level
- Developed a tool with the team to derive performance indicators to assist in acquiring competitor channels on YouTube which also helped in tracking artist trends

Intern (Data Analyst)

June 2020 – December 2020

- Designed a tool to extract audio features of content in Spotify and cluster relevant tracks for new playlists
- Presented the report showing a correlation between high danceability and high engagement for the catalogue

## PROJECTS

### TARP Project

Vellore, India

### Vellore Institute of Technology

Fall 2019

- Collected requirements on cacao farmer fermentation process from farmers (under the guidance of Chocolate Taster - L. Nitin Chordia) near Chennai, India
- Designed an invasive monitoring system to check parameters and implement event alerts with ESP32 Included a system to handle network and power failure

### Personal Productivity Tool (Individual)

May 2020 - November 2021

- Designed and programmed on extracting task/reminder information to suggest and organize daily reminders
- Developed a prototype using Twilio API's and Django ( python ), reached 20 users for a period of 3 months.
- Used NLP (Spacy library) algorithms to categorize tasks for organized UI

## SKILLS

**Application Software:** Intermediate – Git; Basic - Amazon Web Services, Google Cloud Console, Docker

**Programming Languages:** Advanced - Python; Intermediate - C#, HTML, CSS, JavaScript; Basic - Shell scripting, Java

## HONORS & LEADERSHIP

- Runner up, DLT Foundation Hackathon for decentralised power purchase smart contracts August 2023
- Winner, BOLT Hackathon for AgriTech solution for real world problems (VIT, Vellore) February 2020
- Secretary, Youth Red Cross Society, Vellore Institute of Technology 2018 - 2019
- Category Winner, HackSummit 2019 (SRM, Chennai) November 2019
- Academic Excellence Scholarship, Vellore Institute of Technology 2017-2018