

MANSI KHAMKAR

@ mansi.khamkar@students.iiit.ac.in +91-8928354827
Type-4, 5/28, R.C.F. Colony, Chembur(E), Mumbai - 400074
in linkedin.com/in/mansi-khamkar-4116ba145/ github.com/mansi-k/



WORK EXPERIENCE

APPLICATION DEVELOPMENT ASSOCIATE

Accenture

Aug'19 – Mar'20

Mumbai

- Trained on ETL processes, big data and reporting tools
- Worked on ETL tools - AbInitio, Talend and Informatica
- Developed plans for performing changes and loading insurance data into the warehouse
- Trained on Admin tasks
- Created scripts and jobs for data load and admin task automation
- Communicated with foreign clients on a daily basis
- Implemented agile project management methodology using the Rally

KEY PROJECTS

STUTTER DIAGNOSIS AND THERAPY SYSTEM

Deep Learning Model, Android App

May'18 – Apr'19

VESIT, Mumbai

- Developed an Android application to provide therapies to stutterers
- Worked under the guidance of a speech therapist
- Created and trained separate Gated-CNN models to detect different types of stutter in speech by analysing the MFCC features in the audio
- Developed an SVM classifier to suggest new therapies to the users by monitoring their performance

github.com/mansi-k/Stutter-Therapy

SOCIAL CHAMPION IDENTIFICATION

Searching and Ranking Application

Nov'17 – Feb'18

Mastek, Mumbai

- Performed data retrieval from Facebook and Twitter feeds
- Filtered and ranked social influencers, considering various aspects, who could help in promoting NGOs
- Used Facebook and Twitter REST APIs for PHP

github.com/mansi-k/Social-Champ

WHAT'S HAPPENING IN MY CITY

Android Application

Apr'18

VESIT, Mumbai

- Created an application to keep users updated with various offers, sales, exhibitions, new startups and other events in their city
- Used Firebase to store data and send real time notifications

github.com/mansi-k/mycityupdates

EDUCATION

M.Tech. – Computer Science and Engineering

International Institute of Information Technology (IIIT), Hyderabad

2020 – 2022

Hyderabad

B.E. – Computer Engineering

Vivekanand Education Society's Institute Of Technology

2016 – 2019

Mumbai

8.05 CGPI

Diploma – Computer Engineering

Vivekanand Education Society's Polytechnic

2013 – 2016

Mumbai

87.94 %

SSC

Loreto Convent School

2013

Mumbai

89.27 %

CO-CURRICULARS

Competitive Exams

- GATE CS (2020) - Score 628 - Rank 1491

Publications

- Presented the paper "Stutter Diagnosis and Therapy System Based on Deep Learning" in INDIACOM-2019 IEEE Conference

CSI-VESIT

- Web developer at CSI-VESIT
- Conducted PHP, Python, Linux workshops as a part of CSI-VESIT team

Courses

- Completed Artificial Intelligence - Deep Learning offline course by RIIDL Lab

Competitions

- Participated in Deep Blue Innovation Challenge organized by Mastek
- Participated in Smart India Hackathon and selected at college level
- Participated in hackathons in college during techfest

EXHIBITION PLANING SYSTEM

Website

📅 Feb'18

📍 VESIT, Mumbai

- Built a website with MVC architecture using Python (Flask) to let users search and register for upcoming exhibitions
- All the data was managed by implementing the concepts of distributed databases in Oracle

🔗 github.com/mansi-k/eps-pyweb

CSI-VESIT OFFICIAL WEBSITE

Website

📅 Jan'17 – Feb'17

📍 CSI-VESIT, Mumbai

- Developed the website using Laravel framework to advertise CSI events, manage registrations and display their results
- Linked latest Facebook's group posts on the website using Graph API

FILE LIFETIME

Linux daemon

📅 Oct'17

📍 VESIT, Mumbai

- Created a unix shell script to check and permanently delete those files whose lifetime provided by the user has expired
- Configured the script to run automatically, so as to prevent temporary files from consuming disk space

🔗 github.com/mansi-k/filelifetime

INTERNSHIPS

WEB DEVELOPER

Reis Ltd (Startup)

📅 Aug'17 - Oct'17

📍 Mumbai

- Developed two websites for two clients
- Communicated with the clients to gathered requirements
- Designed relational database schema
- Implemented GUI with App shell architecture and lazy loading
- Developed CMS and kitchen inventory management system
- Performed search engine optimization
- hosted the website via Hostgator and Cpanel

TECHNICAL SKILLS

Programming / Scripting Languages

Python JAVA C++ C Bash
Assembly

ML Libraries

PyTorch Keras SciKit Learn
Pandas OpenCV MatPlotLib
NumPy PyAudioAnalysis Librosa

WEB Development

HTML/CSS PHP Javascript AJAX
BootStrap Laravel Flask

Development Tools – DB

MSSQL MySQL Oracle FireBase

ETL and Visualization Tools

Abinitio Talend Informatica
Tableau Qlikview

ACHIEVEMENTS

- Won super-team award for Social Champion Identification project in Deep Blue Innovation Challenge organised by Mastek
- Diploma final year project selected for exhibition in college
- 1st rank in CITE website development competition held in VESP
- Secondary school scholarship holder