MANTHAN KOLHE

Electronics & Telecommunication,GH Raisoni Nagpur
Bachelor of Technology (2015-19)

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EDUCATIONAL QUALIFICATIONS

Degree/Board	Year	Institute	Performance
Bachelor of Technology, ETC	2015-2019	GHRCE,Nagpur	8.56
Intermediate (State)	2015	Sindhu,Nagpur	67.56%
Matriculation (CBSE)	2013	DPS,Nagpur	7.6

SCHOLASTIC ACHIEVEMENTS

- Build India's first noise meter app name "**NOISE TRACKER**" Which was launched on 26th September 2019.
- Runner-up in AWS at capgemini Tech-challenge 2k19.
- Runner-up and won 75K at capgemini Tech-challenge 2k18.

JOBS

- **Software Developer** at **Musubi Management (Techis - Compiler), Bangalore**   *(Jun'20 –Current)*

  Working as a software developer, machine learning engineer and Mentor at Musubi Management and have managed multiple projects from end to end. Currently working with technologies and tools like **Python, Django, JavaScript, jQuery, MVC model, MVT model, MySQL, React JS, AWS, Docker, POSTMAN, GIT, Trello, HTML5, CSS3,Bootstrap 4**

  Major Projects

  1*. TECH I.S (Online E-learning Platform) (P.O.R: Software Developer, Machine Learning Engineer and Mentor)* : *E-learning platform for Web Development and Data Science in* **USA and JAPAN**

  - Developed E-learning platform for USA students, so that they can compile there code which includes programming languages like HTML,CSS, JS and PYTHON
  - Worked as a mentor and conducted numerous training sessions on technical topics (Web Framework etc.)
  - Created the syllabus for web development (6 months) which includes of reading materials, video contents, quizzes and coding assignments
  - Worked and developed the syllabus of data science (6 months) and created the video contents, quizzes and coding assignments
  - Managed the *"Doubt sessions"* for the students and mentored more than 300 international students globally (*USA and JAPAN*)
  - With the help of AJAX, we can automatically verified student code with the master code in backend
  - Adding students on github and providing them resources for learning, helping them to solve there daily doubts
  - Daily pushing of code from git on github and creating a Development branch for developing
  - Developed a login panel for new students and existing students so that they can directly render towards the compiler and start their coding
  - Updating the readme file and setting up the project for production team with proper documentation
  - Preparing student for job ready and taking mothley counselling session one on one
  - Daily Cohort session with student, helping them and let them know how to solve coding problems

  2. *Admin Dashboard for TECH I.S*

  - Building of Admin Dashboard to track the students records and there current status
  - Interacting with the sales team to add additional features in admin panel such as extra notes,student status
  - Updating the students profile and working on their portfolio website so that they can find a job
  - Maintaining the quizzes record taken by students and maintain there additional requirements
  - Daily Updating trello for maintaining student records for mentors

- **Full Stack Developer at Flying Penguins, Nagpur**   *(nov'19 – Jan'20)*

  Worked as Full Stack developer in Flying Penguin and managed both the frontend and backend as well as the company's database and website.
  Worked with technologies like **Python,Django**, **MVC model**, **JavaScript**, **jQuery**, **MySQL, Bootstrap 4, HTML5, CSS3**

  Major Features

  1. *Dashboard for ICOUNT website :*

  - Developed a dashboard for the website where the user can view and leave their comments for the society
  - Have designed and created the front end for the Dashboard and have also worked on the backend part single handedly in django
  - The most important part of icount was to add social media influencer, who can contribute for the wellness of society and can take action
  - Developed login panel for new user and existing user so that they get access to resources
  - Single handedly created and update database for posts for different category likes for state government, central government and politicians
  - Daily pushing of code from git on bitbucket and review it with senior Developer
  - Monitored and updated back-end data by inter- communicating between python framework Django
  - Inspected equipment, assessed functionality, and optimized controls on code after reviews by senior developer
  - Worked on ICOUNT projects using front end languages HTML, CSS, BOOTSTRAP, JAVASCRIPT Designed intuitive graphical user interfaces using knowledge of serial communications and databases like Mysql
  - Discussed project progress with customers, collected feedback on different stages and directly addressed concerns
  - Build Admin Dashboard to track record of user so that they can review there comments on particular category only
  - It not only help user to comment, but also help to track there comments like they can get count of views ,likes and reply
  - User can point any queries regarding public health, Economy,Frauds,Harassments and many more
  - Experts in this field can provide there suggestion or view regarding any queries at any time
  - Worked on different modules in a project like login functions,register,logout and many more
  - Use bootstrap for frontend technologies and used django for backend technologies
  - Building of form for Icount user which contains useful information like there first name, user id and personal details

INTERNSHIPS

- **Project Trainee at CSIR-National Environmental Engineering Research Institute, Government of India, Nagpur**   *(nov'18–Apr'19)*
  (Mentor: Mr.Satish Lokhande, Senior Technical Officer in CSIR-NEERI, Nagpur)
- This app is used for Local Public to measure noise levels. Users can Share their respective mobile noise data with the government of India
- This Project was well appreciated by local media and public. Some important Blocks,Tv interview and play store links:-
- https://indusscrolls.com/noise-tracker-app-to-measure-real-time-noise-level/
- https://www.youtube.com/watch?v=_rfgiYBSHPY&t=398s
- http://indusscrolls.com/noise-tracker-app-to-measure-real-time-noise-level/
- Researchers from different countries like usa,canada,UK and australia have downloaded this app and rate it as 4.5 out of 5

POSITIONS OF RESPONSIBILITY

FASHION SHOW COORDINATOR ANTARAGNI'18	- Successfully organized the Opening Night of the fest with the performance by **RAFTAR** - Coordinated and supervised a group of 60 secretaries and conducted the overall Events during the fest - Responsible for marketing, funding and order control for event
CAMPAIGNING COORDINATOR ANTARAGNI'18	- Managed the Pre-fest work by contacting more than 50 stage performers and 5+national celebrities for the fest - Contacted and organized visit of **RAFTAR** as Chief Guest for Prize Distribution Ceremony on the 3thDay
ORGANIZER SYNERGIA 19	- Contacted and sent the invitation Proposal to around 30 engineering colleges for our Cultural fest via email - In charge for the distribution of the participation certificate to the participants during and after the fest
MEMBER STUDENT PLACEMENT COMMITTEE	- Managed the registration for around 780 participants at the Capgemini Drive Mega - Managed food and Accommodation

PROJECTS

- **Build COVID-19 Chatbot**   *(jan'20-feb'20)*
  - Built in Google Dialogflow and integrated on Telegram
  - It can store data which is taken from user and makes essay communication with the user
- **Data Entry App- Android**   *(Jan'19 - Apr'19)*
  - Worked on a MIT APP Inventor and build the layout structure and also developed CSV Extension
  - It simply takes data from user and integrate with google form so that user data get stored
  - for more information:- https://www.youtube.com/watch?v=S6fYagVsyJI&t=6s

  Build portfolio Website   *(Aug'19 –Nov'19)*
  - Build my own Portfolio Website on HTML,CSS,JS,Bootstrap
  - Link :- https://laughing-darwin-41e072.netlify.app/

ONLINE COURSES

1. Full Stack Developer (09/2019 – Prese10nt)   - Udemy
2. Masters in Machine Learning (03/2020 – Prese10nt)   - Ineuron
3. The Complete Web Development Bootcamp (04/2019 – Prese10nt)   - Udemy
4. Introduction to python programming (04/2019 – Prese10nt)   - Udemy
5. Introduction to Amazon Elastic Compute Cloud ((05/2010 – Prese10nt)   -AWS

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript
- **Web Framework:** Django, Flask
- **Libraries:** jQuery, ReactJS, Pandas,Numpy
- **Database:** MySQL
- **Frontend:** HTML5, CSS, Bootstrap
- **Other Tools:** GITHUB, Atlassian, Trello, POSTMAN, AWS, Docker,GIT

EXTRA CURRICULARS ACTIVITIES

FASHION SHOW	- Choreographed the Fashion Show for Antaragni 18 - Choreographed on traditional and western styles
TECHCHALLENGE 19	- Participated in *CAPGEMINI tech challenge 19 and runner up in AWS Cloud Services* Tech challenge 19
TECHCHALLENGE 18	- Participated in *CAPGEMINI tech challenge 18 in Fantastic 5* along with my team of 4 member and represented our Pool in Tech challenge 18