

Lahari Pokala

EDUCATION

- **Vasavi College of Engineering** Hyderabad, India
Bachelor of Engineering- Information Technology; GPA: 9.27 *July 2017 - June 2021*
- **Delta Junior College** Hyderabad, India
Telangana State Board of Intermediate Education - MPC; Percentage: 96.5% *July 2016 - June 2017*
- **Narayana Junior College** Hyderabad, India
Telangana State Board of Intermediate Education - MPC *July 2015 - June 2016*
- **Johnson Grammar School** Hyderabad, India
Tenth (ICSE) ; Percentage: 90.6% *July 2015*

WORK EXPERIENCE

- **ORACLE - Application Developer** Hyderabad, India
Construction and Engineering Global Business Unit *July 2021 - Present*
Previously worked as a Java developer, worked on bug fixes and feature enhancements, currently working as a DevOps Engineer, I build and modify Jenkins pipelines to combine workflows into repeatable jobs, Deploy, manage and troubleshoot applications and resources on development Kubernetes servers and utilize Git to submit commit diffs for code review before merging into production code bases.
- **ORACLE - Intern** Hyderabad, India
Worked as an intern in Construction and Engineering Global Business Unit *January 2021 - June 2021*

SKILLS SUMMARY

- **Languages:** JAVA, Python, C, C++, JavaScript, SQL, HTML, CSS, Bootstrap, Bash, Groovy, Matlab
- **Technologies/Frameworks/Tools/Libraries:** Spring MVC, Spring Boot, NodeJS, JavaEE, Hibernate, Eclipse Link, Tensorflow, Keras, JQuery, Jenkins, JIRA, RestAPI, Postman, SQLDeveloper, Visual Studio, Eclipse, Git, Collaborator, Agile

TECHNICAL TRAININGS

- **AIET program conducted by Talentsprint in association with IIT Hyderabad:** 5 week program on Artificial Intelligence and Emerging Technologies which helped me in building an in-depth understanding of the latest AI and Emerging Tech concepts along with their real-world applications.
- **NPTEL - Problem Solving Through Programming in C:** (12-week course, Score : 83% , earned an Elite certificate. Among the top 2 percentile. (July 2018 - October 2018)
- **NPTEL - Programming, Data Structures and Algorithms using Python:** 8-week course, Score : 70%, earned an Elite certificate
- **Oracle Cloud Infrastructure (OCI) Foundations certification:** Gives the fundamental knowledge of public cloud services provided by Oracle Cloud Infrastructure

PROJECTS

- **Pothole Detection and Secure Communication for UAV Platforms :** Using YOLO, InceptionV3 and CNN to identify and detect potholes from the images captured from the drone and sent securely to the server.
- **Emotion Recognition System using Speech Signal:** Using Python and Machine Learning-extracting the MFCC features from the audio samples and creating a collection to form a database and send it to the network to train accordingly and identify the emotion behind the audio.
- **Early Prediction of Sepsis:** The project was done as a part of Smart India Hackathon(SIH), which is a nationwide Hackathon that focuses on urgent matters of the country, we used Python and multiple Machine Learning algorithms to predict sepsis from clinical data.
- **Restaurant Reservation System:** Using Java and Oracle Database-created a system that helps both managers as well as customers in managing sales, billing as well as ordering food.
- **Library Management System:** Using C Language-created a system to manage a library, which helps both the librarian, to manage the books- additions, deletions and the students, borrowing books and keeping track of their library cards.

PUBLICATIONS

- **Published a paper on Face Mask Detection using CNN :** Published in the October Volume, High Technology Letters, <http://www.gjstx-e.cn/gallery/113-oct2020.pdf>(October '20)
- **Submitted a paper on Pothole Detection and Secure Communication for UAV Platforms:** It is in the process of reviewing, to be published in the proceedings by Springer in the series of Lecture Notes on 'Data Engineering and Communications Technologies', indexed by SCOPUS, INSPEC, El Compendex.

ACCOMPLISHMENTS

- Selected for EPAM India Pre-Education Program(2020)
- One of the 6 students from IT department to be sponsored to attend the 5 week AIET program in IIT Hyderabad.
- Selected for mentorship program by TEKsystems Global Services(October 2020)
- Awarded many certificates for excellent academics

EXTRACURRICULAR

- Part of the editorial team for our branch's magazine.
- Part of Internal Quality Assurance Cell(IQAC) of Vasavi College of Engineering(VCE).
- A member of National Service Scheme(NSS) student body.
- A member of Toastmasters club and General Quiz club.
- Part of the Volleyball team.
- Was the runner-up in the shot put competition held during our college fest.

INTERESTS

- Currently learning German.
- Interested in Art, painting landscapes.