

Sai Teja Erukude

Quick learner, Firefighter, Innovator

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[LinkedIn Profile](#)

INTRODUCTION

Highly motivated team player, skilled at programming and web development. Aiming to secure a position of Software Developer where I could utilize my exceptional coding and interpersonal skills to meet the client's requirements.

EXPERIENCE

Assistant System Engineer

Tata Consultancy Services ~ Full-time

Nov 2020 - Present

Trained in Adobe Experience Manager Sites and AEM Forms. Authoring the content of AEM web pages, developing components, experience fragments, forms etc are the main activities involved.

Software Engineer Intern

TA Digital ~ Internship

Feb 2020 - Jul 2020 (6 mos)

During the course of the internship I've been trained and worked on several Front-end and Server-side technologies like Java EE, MySQL database and JDBC.

Electronics Engineering Intern

XFAB - Cairo, Egypt ~ Internship

Jun 2019 - Jul 2019 (2 mos)

XFAB is a startup that focuses on innovating new products. Working on Embedded projects like Solar tracking system, laser cutting were the main activities involved.

EDUCATION

Bharat Institute of Engg & Technology— B.Tech ECE

2016 - 2020, CGPA - 8.12

Narayana Junior College — Intermediate MPC

2014 - 2016, CGPA - 9.3

St. Theresa High School —SSC

2013 - 2014, CGPA - 9.5

TECHNICAL SKILLS

- Adobe Experience Manager (AEM 6.5)
- Java
- Python
- HTML, CSS
- JavaScript
- Bootstrap
- SQL
- Arduino and it's programming

CERTIFICATIONS

HackerRank certified for clearing the assessments for skills:

- ★ Python
- ★ Java
- ★ Problem Solving

Udemy certified for completing the course "JavaScript Basics"

Coursera certified for completing the specialization "Python for Everybody".

ACADEMIC PROJECTS

IOT Based Water Quality Measuring System

The proposed system continuously measures and monitors the quality parameters of water like pH, turbidity and temperature. The values are then stored in a cloud hosted database and displayed in a mobile application. IFTTT framework is used to send an alerting voice message to the user when the water quality goes below the standards.

Apk download: [IOT Based WQMS.apk](#)

Ecommerce Website

Developed an Ecommerce website that has all the functionalities of a modern day website. It was developed using Java Servlets and MySQL to store the user's activity and login credentials.

Solar Tracking System

The Solar Tracking System includes a solar panel that adjusts its position with respect to the position of the sun. It is achieved by using LDRs and motors.

Advanced Flammable Gas Detection & Control System

The proposed system detects the leakage of flammable gases like LPG, CO etc and sends the user an alerting text/call making use of GSM technology. It also controls the leakage by turning off the cylinder valve with the help of a motor attached to it.

INTERPERSONAL SKILLS

- Good at problem solving
- Good at working in teams
- Excellent listening skills
- Good communication skills

HOBBY PROJECTS

Portfolio Website

Developed a fully responsive portfolio website using technologies like HTML, CSS, JS and Bootstrap. The website elaborates the projects and certifications I've done.

Website link: [Sai Teja's Portfolio](#)

CO-CURRICULARS

- Robotics workshop
- Paper presentation

Tic Tac Toe Application

Developed a Tic Tac Toe application using scratch programming. It has both single and multiplayer gaming modes.

Apk download: [TicTacToe.apk](#)

LANGUAGES

English, Hindi, Telugu, German (Basics)

Zero21 Application

Zero21 is a card game where the player needs to keep the score between 0 and 21. It includes 3 difficulty levels.

Apk download: [Zero21.apk](#)