

# YUGANDHAR GAMPALA

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## Career Objective

Aspiring to a challenging career with a progressive and globally reputed company and to be a part of an excellent development team as a team player.

## Profile Summary

- Idea about Software Development Life Cycle.
- Good knowledge in HTML, CSS and JavaScript.
- Passionate about learning new technologies and eager to put skills in contemporary front-end frameworks like Bootstrap and libraries like React JS to use.
- Knowledge about Core Java and MySQL Database.
- Ability to work in a team as well as independently.
- Quick learner and ever eager to be involved in a good work environment.
- Excellent communication.
- Willingness to learn new skills.

## Academic Details

Name of Examination	Year	Board/ Institution	Score
Bachelor of Technology [ Mechanical Engineering]	2019-2022	Annamacharya Institute of Technology and Sciences, Tirupati.	8.24 CGPA
Diploma [ Mechanical Engineering]	2016-2019	SVR Engineering College, Nandyal	83.26%
SSC	2015-2016	Friends Vidhyanikethan High School, Maddikera	8.7 GPA

## Technical Skills

- Web Suite Technologies : HTML 5, CSS 3, JavaScript.
- Libraries : React JS.
- Frameworks : Bootstrap.
- Version Control System : Git.
- J2SE Technologies: : Core Java
- Database: : MySQL

## Projects

### To-Do List Application Using React JS

- Designed and developed a responsive To-Do List application using React JS, implementing reusable components and hooks for efficient state management.
- Followed best practices in code organization, version control (Git/GitHub).
- Deployed the application using Netlify ensuring accessibility and responsiveness across devices.

**Key Technologies:** React.js, JavaScript, HTML, CSS.

### My Personal Portfolio

- Designed and developed a personal portfolio website using HTML5 and CSS3, showcasing projects, skills, and contact information.
- Implemented responsive web design to ensure optimal user experience across various devices and screen sizes using media queries and flex-box/grid layouts.
- Enhanced interactivity with CSS animations, hover effects, and transitions for a dynamic user experience.
- Optimized for performance with clean and semantic HTML and minified CSS, improving load times and accessibility.
- Deployed the website using GitHub Pages/Netlify for easy public access and visibility.

**Key Technologies:** HTML5, CSS3, Git/GitHub.

### ATM Interface Using Core Java Programming

- In Java, we can create an ATM program for representing ATM transaction. In the ATM program, the user has to select an option from the options displayed on the screen. The options are related to withdraw the money, deposit the money, check the balance, and exit.
- To withdraw the money, we simply get the withdrawal amount from the user and remove that amount from the total balance and print the successful message.
- To deposit the money, we simply get the deposit amount from the user, add it to the total balance and print the successful message.
- To check balance, we simply print the total balance of the user.
- We use the exit(0) method to exit from the current Transaction mode and return the user to the home page or initial screen.

## Academic Project

### Synthesis of Nano particles and Investigation of change of Metallurgical properties from Tin Solder to Silver.

- The main aim of this project is to reduce and bond the carbon particles in tin metal and extract the silver particles with help of the some nano particles.
- Every metal has some carbon content, it destroy the original properties of metal after some period and these carbon particles are reduce the working lifetime of the metal also.
- So we are prepared some Na-no particle content with some green synthesis and some metals.
- By these we are followed the process and reduce the carbon content and extract some silver content.

**Metals Used:** Tin, Mercury, Copper Sulphate, Sulphur etc.,

**Green Conglomerate:** Tulasi, Ratan Jyothi Powder, Nalla Thumma, Jelladi etc.,

## Declaration

I consider myself familiar with Information Technology aspects. I am also confident of my ability to work in a team.

I hereby declare that the information furnished above is true to the best of my knowledge.

**Yugandhar.G**