

# Thogiti Veerendra

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## EDUCATION

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### Jyothishmathi Institute of Technology and Science, JNTUH

Bachelor of Technology: Electrical & Electronic Engineering

GPA 6.81

Karimnagar, Telangana

October. 2021 – June. 2024

### Jyothishmathi Institute of Technological Sciences, SBTET

Diploma: Electrical & Electronic Engineering

GPA 6.81

Karimnagar, Telangana

June. 2018 – August. 2021

### Vivekananda Vidyanikethan High School, SSC

GPA 8.3

Metpally, Telangana

April. 2018

## TECHNICAL SKILLS

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**Software/Tools:** Microsoft Office, Ms Excel, Ms Word, Powerbi.

**Programming Languages:** Java, Python.

**Frontend:** React.js, HTML, CSS, Bootstrap.

**Backend:** Node.js, Express.js

**Database:** MongoDB, SQL.

**Frameworks:** React, Express.

## PROJECTS

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**Iot Based Patient Health Monitoring System Using Esp8266:** Developed and deployed an IoT-based patient health monitoring system utilizing the ESP8266 microcontroller. This system enables real-time tracking of patient health metrics, ensuring seamless data transmission and remote access for healthcare professionals.

**Fractional Order PID Based Five-Step Li-Ion Battery Charger in Plug-In Hybrid Electric Vehicle:** Engineered a Five-Step Li-Ion Battery Charger with a Fractional Order PID Controller for Plug-in Hybrid Electric Vehicles (PHEVs). This design enhances charging efficiency and extends battery lifespan by leveraging sophisticated control algorithms.

**PG Life – Web Application:** Developed a user-friendly, responsive web application to search and book PG accommodations in major cities. The platform features city-based search, detailed property listings with images and amenities, and secure user authentication through signup and login functionalities. Created a responsive front-end using HTML, CSS, Bootstrap, and JavaScript, reactJS. Backend through php, MySQL.

## EXPERIENCE

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### Hewlett Packard Enterprise Software Engineering Job Simulation on Forage

January 2025

- Wrote a proposal for a RESTful web service to manage a list of employees.
- Built a web server application in Java Spring Boot that can accept and respond to HTTP requests as well as support uploading JSON data.
- Developed and ran a set of unit tests to assess my Java Spring Boot application's performance.

### Accenture North America Coding: Development & Advanced Engineering Job Simulation Forage

December 2024

- Completed a job simulation where I supported a client with a small development team overwhelmed by the growth of their code base.
- Wrote a class to perform search on an interactive website in Java using the Spring Boot framework.
- Set up automated builds using Jenkins to validate code changes on every push.
- Managed the team's workload by preparing for a sprint and writing user stories in an Agile planning session.

## CERTIFICATIONS

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- Hewlett Packard Enterprise Software Engineering Job Simulation on Forage - January 2025
  - Accenture North America Coding: Development & Advanced Engineering Job Simulation – December 2024
  - TCS Ion Career Edge - Young Professional – December 2024
  - Web Development internshala – November 2023.