

KONTHAM AKHIL

College Graduate | Software Developer

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Summary

Aspiring Software Engineer passionate about Web Development. Seeking entry-level role to apply academic knowledge and hands-on experience. Dedicated to learning and contributing effectively in an active team setting.

Education

Bachelor of Technology in Mechanical Engineering
[Vaagdevi College of Engineering](#)

August 2021 – June 2024

Diploma in Mechanical Engineering
[Cristu Jyothi institute of technology and science](#)

April 2017 – May 2020

Technical Skills

- **Programming Languages:** Java, Python, JavaScript, React JS
- **Web Development Technologies:** HTML
- **Databases (Basics):**SQL, PLSQL

PROJECTS

Finite element analysis stress visualization tool

- Spearheaded project planning coordination, and execution, ensuring adherence to timelines and project objectives.
- Implemented mathematical modules to compute stress distribution and critical points using Java programming language.
- FEA VI aims to find stress distribution in mechanical components by analysing structural integrity based on input data like force, type of beam, load type ...etc
- Validate the calculations through rigorous testing and comparison with theoretical and experimental data

Seed-sowing and hand-weeding machine

- Designed and led the development of a seed-sowing and hand-weeding machine to optimise agricultural operations.
- Integrated automation technologies to automate seed sowing and streamline hand weeding process.
- Achieved measurable improvements in planting and weed efficiency, contributing to increased agricultural productivity and sustainability

CERTIFICATIONS

- Achieved Java certification – Let's Upgrade
- Achieved core Java certification – Skill Up (online)

INTERNSHIP

Company: KAVEESHA ENGINEERS PVT LTD, Hyderabad.

Job: ENGINEERING PLANT PROCESS DESIGNER

Duration: 8/01/2024 – 8/07/2024