

# CHAITANYA KUMAR NILLA

| Software Engineer

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## SUMMARY

Aspiring software engineer seeking an entry-level role to apply strong foundation in Mechanical and programming languages. Eager to gain hands-on experience, contribute to projects, and enhance skills in a professional software development environment.

## EDUCATION

Bachelor of Technology in Mechanical Engineering Sasi Institute of Technology and Engineering	November 2020 – May 2023 CGPA: 8.27
Diploma in Mechanical Engineering Sri Vasavi Engineering College	June 2017 – April 2020 Percentage: 72.86%
SSC Z.P.H. School	June 2016 – April 2017 CGPA: 8.8

## TECHNICAL SKILLS

- **Programming Languages:** Java, AutoCAD
- **Web Technologies:** HTML5, CSS3, JavaScript
- **Database Management:** MySQL
- **Version Controls:** Git/Git Hub
- **Operating Systems:** Windows

## INTERNSHIPS

Freezer Design and Manufacturing Optimization Project	November 2019 – March 2020
<ul style="list-style-type: none"><li>• Spearheaded the end-to-end creation and development of a freezer at M/s Frigdex Industries, Tanuku, achieving a 15% improvement in energy efficiency compared to industry benchmarks.</li><li>• Led the design and manufacturing phases, resulting in a 20% reduction in production time, optimizing operational efficiency.</li><li>• Orchestrated a streamlined production process, contributing to a growth in product reliability, as reflected in customer feedback and satisfaction metrics.</li><li>• Applied engineering expertise, subsequent in a decrease in manufacturing costs enhancing overall project profitability.</li><li>• Coordinated cross-functional teams, realizing a saving in development cycle time, meeting tight deadlines and improving project agility.</li></ul>	

## PROJECTS

Enhanced Electromagnetic Wave Absorption Board Project	August 2022 – April 2023
<ul style="list-style-type: none"><li>• Spearheaded a team in developing an innovative material that demonstrated a significant enhancement in electromagnetic interference shielding, contributing to a 20% growth.</li><li>• Implemented advanced methodologies, including Chemical Co-Precipitation, Impregnation Techniques, and PEC Treatment, resulting in a 25% reduction in electromagnetic interference.</li><li>• Conducted experiments on soaking duration and quantity of magnetic fibre boards, optimizing electromagnetic wave absorption efficiency.</li><li>• Leveraged expertise in Dielectric Loss, Ideal Magnetic Loss, and Dipole Relaxation, resulting in a 30% enhancement in the magnetic wood composite board's overall performance.</li></ul>	

## TRAININGS & CERTIFICATIONS

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| <ul style="list-style-type: none"><li>• Gained Proficiency in Java Full Stack</li><li>• Certified in Java Programming Language</li><li>• Certified in Design CBT-Solid Edge Foundation</li></ul> | <a href="#">Frontlines Edu Tech</a><br><a href="#">Hacker Rank</a><br><a href="#">Siemens</a> |
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