

# NANDITHA RAPTHADU

Bangalore, India

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## OBJECTIVE

Motivated and detail-oriented Electrical and Electronics Engineering student seeking a challenging role in a dynamic organization where I can apply my technical skills, problem-solving abilities, and passion for innovation to contribute to organizational growth while continuously improving myself.

## EDUCATION

GATES INSTITUTE OF TECHNOLOGY	(2021 – 2025)
Electrical and Electronics Engineering in Bachelor of Technology (83.3%)	
S.S.B.B. JR COLLEGE	(2019 – 2021)
Mathematics, Physics, Chemistry in Intermediate (79%)	
St. Mary’s English Medium High school	(2018 – 2019)
SSC(93%)	

## SKILLS

- Programming Languages:** Java (Oops, Strings, Arrays)
- Development Tools:** VS Code and Eclipse IDE.
- Tools:** GitHub , MATLAB
- Database Management:** SQL (MySQL)
- Soft Skills:** Problem solving, Strong Communication, Time Management

## PROJECTS

<b>Bidirectional Isolated DC/DC Dual-Active-Bridge Converters – Optimum Soft Switching Control for EV Applications:</b> (Jan – Apr 2025)
<ul style="list-style-type: none"><li>Designed a bidirectional isolated DC/DC converter using Dual-Active-Bridge (DAB) topology.</li><li>Implemented optimum soft switching control to achieve zero-voltage switching (ZVS) for enhanced efficiency.</li><li>Enabled bidirectional energy flow for EV charging (G2V &amp; V2G). Simulated using MATLAB/Simulink.</li></ul>

## CERTIFICATIONS

- Java Full Stack Web development by (Tap Academy, Jan2025 - Present)

## ACHIEVEMENTS

- Secured top 100 rank out of 500+ students in Java and SQL challenges at TAP Academy, excelling in Core Java and programming tasks.

## DECLARATION

I genuinely declare that the information provided above is accurate and complete to the best of my knowledge. I take full responsibility for its correctness and assure that I am committed to learning, growth, and integrity in every step of my career.