

Bondugula Babu

 davidbabu0210@gmail.com

 +91-8686613086.

 Jamshedpur, India

CAREER OBJECTIVE

Aspiring to build a career as a Software Developer where I can apply my academic knowledge and technical skills in programming, problem-solving, and software design. Passionate about developing efficient, scalable, and user-friendly applications. Eager to contribute to innovative projects in software development, web technologies, and emerging domains while continuously enhancing my technical expertise.

EDUCATION

Degree/Certificate	Institute/course	CGPA/Percentage
Year		
M.Tech. 2026	NIT Jamshedpur Power system Engineering	7.58
B.Tech. 2024	Institute of Aeronautical Engineering Electrical and Electronics Engineering	6.86
Senior Secondary 2020	Jesus Mary Joseph Jr College Mathematics, physics, chemistry (MPC)	68.1%
Secondary 2018	Bishop Beretta High School	7.8

PROJECTS

- **Power Management of Electric Vehicle Equipped with Battery and Supercapacitor Considering Irregular Terrain. | 2022**
 - Developed a hybrid energy storage system combining batteries and supercapacitors.
 - Simulated terrain-induced power fluctuations and optimized energy management

- Improved overall energy efficiency and reliability of EV powertrain under variable driving condition .
- **A Review On Electroculture, Magneticulture and Laserculture To Boost Plant Growth. | 2024**
- Conducted a comparative study on non-chemical methods (electric, magnetic, and laser fields) to enhance plant growth and agricultural performance.
- Applied analytical and research skills to evaluate the efficiency of modern techniques for performance improvement.
- Gained experience in data interpretation , technical documentation, and systematic reporting of findings

SKILLS

- **Programming Languages:** C++, C, Python
- **Software Knowledge:** MATLAB Programming and Simulink, Proteus Software
- **Additional skills:** Data Structures and Algorithms, Object Oriented Programming
- **Tools :** I.Tspice „,Overleaf,Microsoft Office.i.e Excel , PowerPoint, Word
- **Skills :** Good communication skills, Good Team Player

EXTRACURRICULAR ACTIVITIES

- Volleyball

- Cricket

ACADEMIC ACHIEVEMENT

- Qualified **GATE -2025 in Electrical Engineering**
- Qualified **GATE- 2024 in Electrical Engineering**
- Qualified **JEE(MAIN)-2020**

POSITIONS OF RESPONSIBILITY

- Hostel & mess secretary , National Institute of Technology Jamshedpur
- NSS Treasurer, Institute Of Aeronautical Engineering College
- Cultural Co-Head, Institute Of Aeronautical Engineering College