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**PROFESSIONAL SUMMARY**

Proactive Electrical Engineering student holding a strong academic background, adept in utilizing industry-standard software such as AutoCAD Electrical, ANSYS Maxwell, MATLAB, and Proteus. Committed to developing efficient electrical systems and contributing to cutting-edge projects.

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**EDUCATION**

**B.Tech in Electrical & Computer Engineering** (Pursuing) Aug 2022 – Jun 2026

Bharati Vidyapeeth College of Engineering, Pune

**Agg CGPA : 8.51/10**

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**RELEVANT COURSE WORK**

* AutoCAD Electrical, DC and AC Machines, Power System Engineering, Industrial Automation
* Power System Modelling and Analysis, Protection of Power Systems, Network and Synthesis

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**KEY SKILLS**

* **Electrical Design & Simulation Tools:** AutoCAD Electrical, ANSYS Maxwell, MATLAB, Proteus
* **Core Electrical Concepts:** DC & AC Machines, Power System Engineering, Protection of Power Systems
* **Industrial Automation:** PLC, SCADA (Basics), Industrial Safety Protocols
* **Soft Skills:** Team Collaboration, Problem Solving, Analytical Thinking

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**ACADEMIC PROJECTS**

**Project No. 01: Automatic Gas Leakage Detector using Arduino UNO**

* Built a safety system using MQ-2 sensor and Arduino UNO to detect LPG leaks and trigger alerts.
* Strengthened skills in embedded systems and sensor integration.
* Enabled real-time response with buzzer and LED indicators to prevent fire hazards.

**Project No. 02: Design and Simulation of Induction & Synchronous Motors in ANSYS Maxwell**

* Simulated motor behaviour using ANSYS Maxwell, analysing torque-speed and magnetic flux characteristics.
* Learned motor design optimization and FEA-based simulation.
* Compared performance metrics of both motors to understand real-world industrial applications.

**Project No. 03 : Single Line Diagram using AutoCAD Electrical**

* Drafted SLDs after on-site inspection of departmental power systems at BVDUCOEP.
* Gained hands-on experience in electrical documentation and real-world distribution layouts.
* Ensured compliance with standard drawing conventions and safety norms.

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**POSITION OF RESPONIBILITY**

**SOCIAL MEDIA HEAD | ELECSA BVDUCOEP**

Boosted engagement by 60%, designed event creatives, and organized workshops. Led a team of 5+ junior , fostering collaboration and skill development through feedback and mentorship.

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**COURSES & CERTIFICATIONS**

A Future of Technology : IOT, Cloud, Automation and AI in Action by CADD Career