ADITYA KHARADE

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Pune, Maharashtra, India - 411001

OBJECTIVE

Electrical Engineering graduate from Savitribai Phule Pune University with hands-on internship experience at Maharashtra State Electricity Distribution Co. Ltd. Skilled in PLC, SCADA, Python, C Programming, SQL, MATLAB, AutoCAD, and Power BI. Possess strong knowledge of electrical systems, automation, and substation operations. Seeking an entry-level Electrical/Automation Engineer role where I can apply technical skills, analytical thinking, and problem-solving abilities to support efficient and innovative engineering solutions.

EXPERIENCE

- **Maharashtra State Electricity Distributin Co. Ltd**   *Dec 2023 - Jan 2024*
  Engineer Intern   Satara, Maharashtra
  ◦ Completed a 4 week on-site internship at four MSEB substations in Satara (Urban Division) gaining hands-on experience in electrical systems, maintenance and operations. Enhanced technical skills through practical exposure to substation management and problem-solving in a real-world environment.

EDUCATION

- **Savitribai Phule Pune University**   *Dec 2021 - June 2025*
  BE - Electrical Engineering,   Pune, India
  ◦ CGPA: 7.1/10

- **Pace Junior Science College**   *June 2019 - May 2021*
  HSC - Computer Science   Pune, India
  ◦ Grade: 80.67%

- **Annasaheb Kalyani Vidyalaya**   *June 2013 - May 2019*
  SSC In school, I served as a monitor and was part of the U14 and U17 sports teams, participating in various competitions.   Satara, India
  ◦ Grade: 89.40%

LICENSES AND CERTIFICATIONS

[1] **Learning Industrial Automation** . I gained an understanding of how to design and monitor systems in industrial automation, focusing on improving process efficiency and safety using computers and robots.

[2] **PLC : Industrial Sensors**. I learned that industrial control systems rely on sensors to monitor processes by converting physical variations into electrical signals. I explored various sensors, including proximity, temperature, pressure, and level sensors, understanding their operating principles and applications in automation.

[3] **Learning PLC Ladder Logic : The Basics**. I explored how industrial automation enhances manufacturing efficiency, focusing on the use of PLCs and ladder logic programming. I learned about key concepts like rung operation, timer and counter instructions, and different types of input/output instructions used in ladder logic.

[4] **Learning SCADA: Collect, Analyze, and Visualize Data for Industrial Automation**. I learned how SCADA systems manage the vast data generated by industrial automation, covering its basics, components, and architecture. Additionally, I gained hands-on experience setting up SCADA to see it in action.

SKILLS

- **Programming Languages:** C Programming, Python, PLC & SCADA
- **MATLAB**
- **AutoCAD**
- **Mathematical & Statistical Tools:** SQL, Power BI, Microsoft EXCEL
- **Other Skills:** Leadership, Analytical Skill, Agile Foundation, Critical Thinking, Problem Solving

TEST SCORES

- **Competition Achievement**   *February 2025*
  GATE 2025, Indian Institute of Technology Organizing Institute, Roorkee
  Qualified for Gate with 31 marks and got AIR (General) - 4522

ADDITIONAL INFORMATION

Languages: English (Full Professional Proficiency), Hindi (Full Professional Proficiency), Marathi (Mothertongue)
Interests: Electrical Engineering Project, Embedded System, Robotics and Automation, Programming and Software Development