

CURRICULUM VITAE



Omar Chasib Kadhum

Automation Engineer

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RESIDENTIAL ADDRESS: Iraq, Thi-qar.

DATE OF BIRTH: 07/04/1993

EDUCATION:

Bachelor's degree

- University of Baghdad, Al-Khwarizmi Collage of Engineering, 2015.
- Automated Manufacturing Engineering department.
- Overall percentage of 76.5%.
- Proj. : Design and Implementation Rover and Arm Robot for Distribution System: **Excellent**

Master degree

- University of Baghdad, Al-Khwarizmi Collage of Engineering, 2018.
- Advance Manufacturing Engineering.
- Proj. : Design and Fabrication of Automated Predictive Magnatic Abrasive Finishing Machine : **Excellent**

SKILLS:

- Microsoft Office Suite: Advanced user of Word, Excel, PowerPoint, and Outlook.
- PLC Programming, Robotics and Automation, Electronic Circuit Design.
- AutoCad, Solidwork MATLAB, 3D Printing.
- Advanced Manufacturing Processes: Proficient in modern manufacturing techniques such as additive manufacturing (3D printing), CNC machining, and automated production systems.
- Instrumentation Systems: Proficient, calibration, and maintenance .
- Data Analysis Tools: Skilled in using data analysis and visualization tools like MATLAB, Excel for interpreting instrumentation data and generating reports.
- Teamwork and Communication: Excellent interpersonal skills, capable of working effectively in team environments and communicating technical concepts clearly.
- Project Management: Experience in planning, executing, and managing engineering projects, ensuring timely completion and adherence to quality standards.
- Continuous Learning: Committed to staying updated with the latest advancements in engineering and technology through continuous education and professional development.

EMPLOYMENT HISTORY

EARTHLINK Company

FTTH (Fiber to the Home) Designer - Planning Department

MAIN DUTIES:

- Worked as a key member of the FTTH design team within the planning department, responsible for designing and planning the fiber optic network infrastructure.
 - Created and detailed fiber optic cable designs using AutoCAD and QGIS, enhancing design accuracy and project execution efficiency.
 - Conducted precise calculations for cable lengths and prepared a list of required electronic devices for project implementation, ensuring efficient and effective project execution.
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Royal Can Company (Can Making)

Electrician - Electric Department

MAIN DUTIES:

- **Programming PLC:** Developed and maintained PLC programs for automation and control systems in the can-making process. Optimized machine performance by adjusting and fine-tuning PLC parameters.
 - **Control Systems:** Designed and implemented control systems for production line machines, ensuring efficient and safe operation. Troubleshoot and resolved control system issues, minimizing downtime and maintaining productivity.
 - **Electrical Maintenance:** Performed routine and preventive maintenance on electrical components of production line machines. Diagnosed and repaired electrical faults, ensuring the continuous and reliable operation of equipment.
 - **SCADA Systems:** Managed SCADA systems for real-time monitoring and control of production processes.
 - **Technical Support:** Provided technical support to the production team, assisting with the setup and calibration of machines. Collaborated with other departments to ensure smooth and efficient production processes.
 - **Safety Compliance:** Ensured all electrical work complied with safety regulations and standards. Conducted regular inspections and implemented safety measures to prevent accidents and equipment damage.
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Lecturer - University of Baghdad

- Taught courses in the Automated Manufacturing Department- Al-Khwarizmi Collage of Engineering to undergraduate students.
- Organized and facilitated discussion sessions and workshops to foster academic engagement and develop research and analytical skills.
- Provided academic advising to students, assisting with their research projects and scientific inquiries.

TRAINING:

- Completed PMP Preparatory Course.
- Certified in Safety Training Course.
- Certified in First Aid.
- IOS Internal Audit Certification.
- TOT (Training of Trainers) Certificate.

LANGUAGES: **Arabic:** Native proficiency.
English: Very good proficiency.